

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

Report of

H. E. HEDGER, Chief Engineer

OF THE

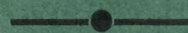
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

ON THE

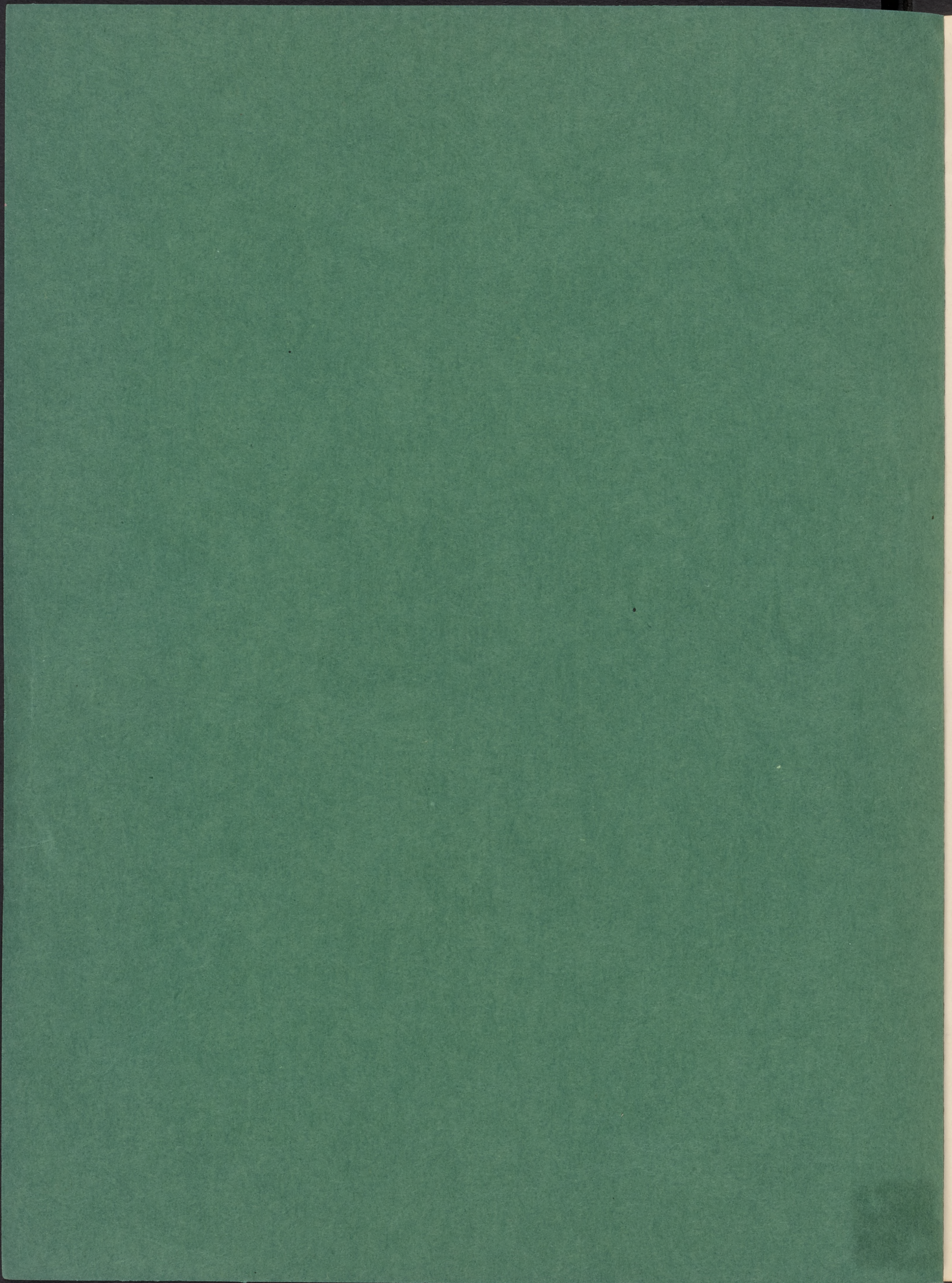
Control of Surface Storm Water
by Storm Drains and Drainage Channels

PART I

*General Description of Work Proposed and
Map Showing General Location of Projects*



Filed with the Board of Supervisors of the Los Angeles County
Flood Control District July 15, 1952, and adopted July 15, 1952



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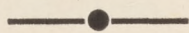
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Report of

R. E. HEDGER, Chief Engineer

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LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

2021

Control of Surface Storm Drainage Channels
by Storm Drains and Drainage Channels

PART I

General Description of Work Proposed and
Map Showing General Location of Projects

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

MAILING ADDRESS:

Box 2418

TERMINAL ANNEX

LOS ANGELES 54, CALIFORNIA

H. E. HEDGER
CHIEF ENGINEER

2250 ALCAZAR STREET
LOS ANGELES

July 15, 1952

FILE NO.
SUBJECT

2-5
Storm Drain Bond
Issue
All Districts

Honorable Board of Supervisors
Los Angeles County Flood Control District
501 Hall of Records
Los Angeles 12, California.

Gentlemen:

This report is submitted in compliance with the Resolution adopted by your Honorable Board January 8, 1952 directing the Chief Engineer of the Los Angeles County Flood Control District to investigate carefully the best plan to control the flood, storm and other waste waters of said District, and to conserve such waters for beneficial use, and to file a report setting forth his conclusions and recommendations describing storm drains and appurtenant works necessary to control and conserve such waste waters not now controlled in the channels heretofore constructed or planned to be constructed along major rivers and watercourses in said District.

Comprehensive Plan of Flood Control

I have investigated carefully all of the known plans for controlling the flood, storm and other waste waters of the District and believe that the proper solution to these immediate problems will be realized upon completion of the comprehensive system of flood control, water conservation and soil conservation developed by the Los Angeles County Flood Control District, the United States Corps of Engineers, and the United States Department of Agriculture, together with storm drains planned by Los Angeles County and the Cities of the County; all of which together propose an integrated system of:

1. Regulation of flood waters as near their source as possible wherever practical through the construction of flood control dams.
2. Control of debris from mountainous areas by installation of debris basins and other corrective devices.
3. Control of rivers and flood channels in the valley areas by construction of adequate, lined channels or bank protection.
4. Construction of storm drains to conduct surface storm waters to the rivers and flood channels.
5. Conservation of flood and storm waters by installation and operation of spreading grounds.

6. The protection of existing vegetal covers on both the mountainous and unimproved valley watershed.
7. Prevention, insofar as feasible, of soil erosion.

All of the above measures have been used and found effective in this County. The programs of the various public agencies have already been completely integrated into one comprehensive system of control and conservation, with exception of item 4, the construction of storm drains.

Steady progress has been made in recent years on certain phases of the program. Most of the planned regulating dams are completed or under construction. Many of the river and stream channel improvements not presently installed are authorized for construction, including debris control structures at their headworks. Programs for conservation of flood waters, and prevention of soil erosion are under way. Definite procedures have been developed for the financing of the improvements proposed for future construction under most of these programs, although financing by Congress of the Corps of Engineers' program has been at a slower rate than is locally desired.

Storm Drains—Present Needs

The present outstanding deficiency in the comprehensive system is the lack of a sound procedure for the financing of storm drains and drainage channels to carry the surface storm waters to the improved river channels. Before such a procedure can be developed it is necessary to determine the extent of the problem and to compile a list of the needed improvements.

Since the Flood Control District has not heretofore assumed the responsibility for storm drain planning and construction, these functions have been performed by the municipalities and by the County Engineer for the unincorporated areas. The District, therefore, has compiled data on storm drain requirements furnished by City Engineers and the County Engineer. Also, during the development of the study, these offices cooperated in preparing and presenting plans for all storm drains presently considered needed.

All the above proposals have been carefully reviewed in the light of present need, regional benefit, and conformance with the overall plan of flood control and conservation. The program of storm drain construction recommended herein is the result of this study.

Purpose and Scope of Report

The purpose of this report is to develop the scope and urgency of the storm drain problem, and to define and describe a comprehensive, well-distributed system of currently needed storm drains within the Los Angeles County Flood Control District which may serve as the basis for a bond issue proposal for submission to the electors of the said District as provided in Section 4 of the Los Angeles County Flood Control Act (Act 4463 Deering's General Laws of California). Issuance of bonds in this manner is deemed the soundest procedure for financing a construction program of the magnitude encountered.

The report, which is in two parts, contains in Part 1 statements showing the general need of a storm drain construction program to be developed and financed on a regional basis; the areas to be benefited thereby; the conservation of storm waters provided by such a program, and other general statements and pertinent information relative to the

bond issue proposal. It also contains general specifications for each unit of the project; a general description of the lands, rights of way, easements and property proposed to be taken, acquired or injured in carrying out the work; a map showing the general location of the proposed work and improvements; gives the estimated cost of each unit and an estimate of cost of rights of way, engineering, inspection and all other costs; and states the total amount of bonds necessary to be issued to pay for the proposed work. Part 2 of the report contains general plans, profiles and cross-sections of each unit of the recommended program.

Need of a Regional Storm Drain Program

The improvement of the rivers and major flood channels in Los Angeles County is now being financed and constructed, in accordance with the Comprehensive Plan of the Los Angeles County Flood Control District, by three public agencies,—the District; Corps of Engineers, United States Army, and the Soil Conservation Service of the United States Department of Agriculture. Also the State of California assists in the financing of these works.

The program of improvement of rivers and major flood channels financed on a District, State and National cooperative basis, is now well advanced and, although far from complete, a number of the principal major channels have been improved to full ultimate capacity for considerable portions of their lengths. It is anticipated that this program will continue to progress at a steady rate.

A properly coordinated plan for the protection of lands and improvements in Los Angeles County from flood and storm waters must include two basic elements,—(1) the improvement of the main flood channels, and (2) construction of a supplemental storm drain system to collect the surface runoff from the land and convey it to the main flood channels.

Progress on the first element, while not entirely satisfactory is now far in advance of construction of storm drains, and in general, the prime immediate need therefore is to provide a means to collect local surface waters, which must now pond or flow in streets or across private lands, and to safely convey these waters in storm drains to the main flood channels.

Progress in the construction of storm drains has been impeded because, although many of them are regional in character, no means of financing has been available other than with local, municipal or assessment district funds.

Since regional benefits such as removal of storm waters from schools, shopping centers, industrial areas and highways accrue from the installation of trunk storm drains which are supplementary to the flood control system, a regional method of financing these drains is needed and justified.

General Description of the Work To Be Done

The program of storm drain construction described herein consists of a network of underground and surface conduits which will provide relief from surface flow and ponding of storm waters in the critical areas throughout the County.

The structures consist of open and closed storm drains or conduits laid in streets and elsewhere, constructed of concrete or other durable materials, which will result in permanent types of improvements.

The systems proposed include the main trunk drainage outlets, which are regional in character, to which laterals may be connected in the future to provide such local storm water protection as may be desired. The construction of the lateral drainage systems to collect runoff from local areas is considered a responsibility of the city or community concerned.

Areas Benefited

The unprecedented residential and commercial development which has taken place in Los Angeles County during the past decade has greatly aggravated the lack of storm runoff provisions and thereby emphasized the immediate need for adequate storm drains to protect homes, schools and highways and to permit continued development of the County as a whole. During the storms of January, February and March of 1952, great damage occurred because of accumulated surface waters which had not yet reached the flood channels, which channels in many cases were taxed to but a small portion of their capacity.

The planning and construction of storm drains have heretofore been undertaken entirely by the cities and the County, and therefore the systems herein recommended for construction have been selected solely from preliminary designs submitted by cities and the County Engineer.

The cities and communities in which storm drains are proposed or which will benefit directly from nearby drains, are as follows,—

Alhambra	Glendale	Montebello	South Gate
Altadena	Glendora	Monterey Park	South Pasadena
Arcadia	Harbor City	North Hollywood	Sunland
Bell	Hawthorne	North Long Beach	Sun Valley
Bellflower	Highland Park	Norwalk	Temple City
Blevedere Gardens	Hollydale	Ocean Park	Torrance
Beverly Glen	Hollywood	Palms	Tujunga
Brentwood	Huntington Park	Panorama City	Van Nuys
Burbank	Inglewood	Paramount	Venice
Canoga Park	Lakewood	Pasadena	Vernon
Claremont	Lawndale	Pomona	Walnut Park
Clearwater	Lennox	Redondo Beach	Walteria
Compton	Lomita	Reseda	Watts
Culver City	Long Beach	San Fernando	Westchester
Downey	Los Angeles	San Gabriel	West Covina
Duarte	Los Nietos	San Marino	West Los Angeles
East Los Angeles	Lynwood	San Pedro	Whittier
El Monte	Manhattan Beach	Santa Fe Springs	Wilmar
El Segundo	Mar Vista	Santa Monica	Wilmington
Gardena	Maywood	Sepulveda	Woodland Hills
Garvey	Monrovia	Sierra Madre	

In addition to the direct benefits, indirect and intangible benefits will accrue to all residents and property owners of Los Angeles County, because of reduced interruption to street and highway travel and other lines of communication caused by surface flood and storm waters and since the general prosperity of all residents of Los Angeles County is inherent with and inseparable from the general welfare of all portions of the County. Correction of adverse drainage conditions in low-lying areas will increase the assessed

valuations thereof and thus benefit other areas by carrying a greater share of the property tax load.

Conservation

Because the various storm drains described herein consist of impervious conduits of concrete, they will not in themselves conserve storm waters. However, 66 of the total of 140 projects will be tributary to existing stream channels where at least a portion of their discharge may percolate directly into the underground water body or can be diverted from such channels to existing or presently planned spreading grounds where a maximum of percolation will occur.

There are 8 projects located within relatively pervious areas which afford the possibility of percolation of at least a portion of the storm runoff through diversion to potential off-stream spreading grounds. Should these drains be constructed, off-stream spreading facilities, where feasible, will be fully developed to obtain in a maximum of economical conservation.

The storm drain projects which are not conducive to percolation of storm flows, are in general located in relatively impervious areas and their construction will in no way reduce the conservation of storm water now in effect or planned.

Jurisdictional Agency

The program herein proposed comes within the purview of the Los Angeles County Flood Control Act and if adopted by the electors, the District will accordingly become the Jurisdictional Agency in connection with this program, responsible for the planning and construction of the project, assuming the obligation for servicing and repayment of the bonds and interests thereon voted in accordance with this report, and for the operation and maintenance of the described work. However, since the individual units of the project were developed jointly with the cities and County, and are of benefit to them, certain phases of the undertaking such as preparation of construction plans, field surveys incidental thereto, relocation of utilities, etc., may be carried out jointly.

District activities presently comprise the planning, construction, maintenance and operation of Flood Control and Conservation Works and the maintenance and operation by certain storm drains constructed by other agencies and transferred to the District as authorized by law. These activities have not heretofore included the construction of storm drain systems and the work described herein represents an extension of prior activities.

Should the bonds necessary to construct the work proposed herein fail to obtain the approval of the electorate, activities of the District will necessarily continue to be confined to flood control and conservation and maintenance of existing storm drain systems which have been transferred to it, and jurisdiction over the planning, financing and construction of the storm drains described herein will automatically return to the cities and the County. Since the maximum Flood Control District tax rate is established by law, District activities cannot be expanded to include the construction of storm drain systems unless additional revenue is provided adequate to permit the District to undertake such construction.

Construction Plans

The project units recommended herein were developed and the included drawings were prepared by the several City Engineers and by the County Engineer upon request

by the Chief Engineer of the District. Should the bond issue be approved by the electorate, the various cities and the County will be further requested to furnish to the District final detailed construction plans and specifications for each of the units. The Chief Engineer of the District will then carefully review all such plans and specifications prepared by other agencies and, when approved, they will then be adopted as the plans and specifications of the Chief Engineer of the Los Angeles County Flood Control District.

Upon passage of the bond issue by the electorate, the District will enter into contracts with those cities and the county which have prepared general plans and specifications contained in this report and which undertakes to prepare construction plans and specifications for approved units of the project, which contracts among other things, will provide that the District will reimburse the City or County from bond funds its actual cost of preparing all such plans and specifications adopted and used by the District, or will purchase such plans from them if already available, in an amount not to exceed the following:

Bond Issue Estimate	Engineering Fee in Per Cent of Bond Issue Estimate
\$ 100,000 and under	6.25
200,000	5.60
300,000	5.18
400,000	4.90
600,000	4.50
800,000	4.25
1,000,000	4.07
2,000,000	3.56
3,000,000	3.36
4,000,000	3.25
7,000,000 and over	3.00

When the project unit estimate falls between any of the above amounts, the fee will be in direct proportion to the fees for amounts next above and below.

Construction

In general, construction of the proposed projects is planned to be done by contract. Force account work may only be performed by the District within the provisions of the Los Angeles County Flood Control Act relating thereto. Construction by force account is, therefore, contemplated only under these provisions and where necessary to insure that the work will be done at lowest possible cost consistent with good construction practice and in the best interests of the District.

The order of construction of the units will be based on (1) the ability of the several cities and of the County to furnish final construction plans and specifications; (2) availability of rights of way; (3) ability of the District to receive bids and award construction contracts and supervise construction; (4) availability of materials, equipment, labor, engineers and general personnel, and other limiting conditions. All units will be constructed as expeditiously as feasible commensurate with contributing conditions.

GENERAL SPECIFICATIONS AND DESCRIPTIONS OF PROJECTS, INCLUDING WORK TO BE DONE, RIGHTS OF WAY TO BE ACQUIRED, AND ESTIMATES OF COST

Types of Structures and Alignments Approximate

Due to the fact that variations in the rights of way and alignments of various project units may become necessary during the course of construction, and, due to the fact that further study may necessitate modifications in the types of structures that are proposed to be constructed, the descriptions of rights of way and alignments shown on the plates and the types of structures specified herein are to be considered as approximate only and subject to modification to the best interests of the District.

LANDS, RIGHTS OF WAY, EASEMENTS

Since the structures proposed herein consist of storm drains for the collection and conveyance of local surface waters from highly developed residential, industrial and commercial areas, they will be constructed mainly within city streets or highways where rights of way will not be required. A number of the projects, however, will be constructed outside of streets and will require the acquisition of rights of way. A general description of the lands, rights of way, easements and property proposed to be taken, acquired or injured in carrying out the proposed work is given hereafter under each project heading. The estimated cost of the rights of way including the estimated cost of acquisition thereof, is the amount of \$2,100,000 which is in addition to the estimated cost of construction of the project works.

GENERAL PLANS, SPECIFICATIONS, AND ESTIMATES OF COST OF PROPOSED WORK

Following is a written description, including general specifications, of each storm drain proposed herein, together with an estimate of the cost of construction of each unit, (exclusive of the cost of right of way) and also all incidental expenses likely to be incurred in connection therewith, including legal, clerical, engineering, superintendence, inspection, printing and advertising. It is specifically pointed out that the cost shown for each unit of work is an estimated cost only and it is not intended that the actual expenditures for each unit shall be limited or confined to that amount, it being understood on the other hand that these amounts may be supplemented, if necessary, by unused funds remaining from other completed units. The project cost estimate is based on present day prices.

Part 2 of this report contains drawings showing general plans, profiles and cross-sections of each unit of work.

PROJECT NO. 1

East Compton Creek No. 1

The plan contemplates:

- A. The construction of a reinforced concrete box in Heliotrope Avenue from 60th Street to Gage Avenue; in Gage Avenue to Vinevale Avenue; in Vinevale Avenue to Florence Avenue; in Florence Avenue to Wilcox Avenue; in Wilcox Avenue to Patata Street; in a 28-foot right of way to an existing drain adjacent to the Los Angeles and Salt Lake Railway.
- B. The construction of a reinforced concrete pipe in Fruitland Avenue from Pacific Boulevard to Seville Street; the construction of a reinforced concrete box in Fruitland Avenue to Soto Street; in Soto Street to 54th Street; in 54th Street to Boyle Avenue; in Boyle Avenue to Slauson Avenue; in Slauson Avenue to Alcoa Avenue; in Alcoa Avenue and an existing City of Vernon easement along the southerly prolongation of Alcoa Avenue to Randolph Street; in Randolph Street to Hollenbeck Street; in Hollenbeck Street to Gage Avenue; in Gage Avenue to Salt Lake Avenue; in Salt Lake Avenue to an existing drain in Santa Ana Street.
- C. The construction of a reinforced concrete pipe in Alameda Street from 49th Street to 55th Street; the construction of a reinforced concrete box in Alameda Street to Randolph Street; in Randolph Street to Albany Street; in Albany Street to Florence Avenue; in Roseberry Avenue to an existing drain in Leota Street.
- D. The construction of a reinforced concrete box in Slauson Avenue from Bickett Street to drain "B" at Boyle Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Southern Pacific Railroad Right of Way

A strip of land 28 feet wide beginning at the north line of the Southern Pacific Railroad right of way approximately 13 feet, east of Wilcox Avenue produced, thence southerly parallel to said Wilcox Avenue 100 feet to a point in the southerly line of the Southern Pacific Railroad right of way.

Clements Tract, M.R. 43-46

A strip of land 28 feet wide beginning at last mentioned point and continuing on last mentioned parallel line produced a distance of 940 feet, more or less, to a point in the northerly right of way line of the Salt Lake Avenue line of East Compton Creek No. 1.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 1-A, Sheets 1 and 2.

The estimated cost of this project is \$4,597,400.

PROJECT NO. 2

Lomita Boulevard

The plan contemplates the construction of a reinforced concrete box in a 20-foot right of way from the intersection of the westerly prolongation of 246th Street and the easterly

boundary of the City of Torrance, to the intersection of 246th Street and Pennsylvania Avenue; in Pennsylvania Avenue to 248th Street; in 248th Street to Eshelman Avenue; in a 20-foot right of way to Lomita Boulevard; in Lomita Boulevard to approximately 128 feet west of President Avenue and an existing drain.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 15, M.B. 12-189

A strip of land 20 feet wide beginning at the west line of Pennsylvania Avenue at 246th Street, then westerly along the prolongation of said 246th Street produced to the easterly boundary of the City of Torrance.

Tract No. 241, M.B. 13-200 — Tract No. 263, M. B. 14-2-3

Tract No. 3940, M.B. 42-81

A strip of land 20 feet wide beginning at a point in the Southwesterly line of Lomita Boulevard approximately 80 feet southeasterly from Walnut Street, then northwesterly on alignment shown, to the easterly line of Eshelman Avenue at 248th Street. (excepting portions in streets).

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 2-A, Sheets 1 and 2.

The estimated cost of this project is \$965,900.

PROJECT NO. 3

Broadway

The plan contemplates the construction of a reinforced concrete pipe in 124th Street from Felton Avenue to a point approximately 140 feet easterly; in a 30-foot right of way to Inglewood Avenue; in 124th Street to Broadway; in Broadway to a point approximately 300 feet easterly of Hawthorne Avenue; in a 12-foot easement to Broadway; in Broadway to an existing drain approximately 280 feet westerly of Menlo Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Town of Hawthorne, M.B. 15-110-111

A strip of land 12 feet wide from the easterly line of Lot Z, Town of Hawthorne, to the westerly line of said Lot Z.

Mills and Wicks Subdivision M.R. 16-44

A strip of land 30 feet wide commencing approximately 140 feet easterly of the center line of Felton Avenue, thence easterly along 124th Street to the westerly line of Inglewood Avenue.

A strip of land 12 feet wide across the Los Angeles Transit Lines right of way in Hawthorne Avenue.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 3-A, Sheets 1 and 2.

The estimated cost of this project is \$335,500.

PROJECT NO. 4

Crenshaw Boulevard

The plan contemplates the construction of a reinforced concrete pipe in Crenshaw Boulevard from a point 400 feet, more or less, southerly of 104th Street to 111th Place; the construction of a reinforced concrete box in Crenshaw Boulevard from 111th Place to Dominguez Channel at 120th Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 4-A, Sheets 1 and 2.

The estimated cost of this project is \$431,200.

PROJECT NO. 5

Alhambra-Monterey Park

The plan contemplates:

- A. The construction of a reinforced concrete box in Baltimore Avenue from Hellman Avenue to Emerson Avenue; in Emerson Avenue to Alhambra Wash.
- B. The construction of a reinforced concrete pipe in a 20-foot easement from an existing drain in Pomelo Avenue to New Avenue; in New Avenue to Graves Avenue; in Graves Avenue to Cathryn Drive; in Cathryn Drive 100 feet, more or less, southeasterly; in a 20-foot easement to Del Mar Avenue; in Del Mar Avenue 270 feet, more or less; in a 20-foot easement to Dell Rose Avenue; in Dell Rose Avenue to Redding Avenue; in a 20-foot easement to Rush Avenue; in Rush Avenue to Alhambra Wash.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 786 M.B. 16-58-59

A strip of land 20 feet wide beginning at a point in the easterly line of Pomelo Avenue, distant southerly from Newmark Avenue 700 feet, more or less; thence southeasterly 790 feet, more or less, to the westerly line of New Avenue.

Tract No. 5532 M.B. 78-39-40 — Tract No. 8578 M.B. 101-43

Tract No. 11018 M.B. 195-26-27 — Tract No. 11133 M. B. 212-38

A strip of land 20 feet wide beginning at a point in the northeasterly line of Cathryn Drive, distant southeasterly 100 feet, more or less, from Graves Avenue; thence southeasterly 2170 feet, more or less, to a point in the westerly line of Del Mar Avenue.

Tract No. 11133 M.B. 212-38

A strip of land 20 feet wide beginning at the easterly line of Del Mar Avenue, distant southerly 90 feet, more or less, from Dell Rose Avenue produced; thence easterly 140 feet, more or less, to Dell Rose Avenue.

Tract No. 701 M.B. 16-110-111 — Tract No. 8323 M.B. 96-23-25
Southern California Edison Company Right of Way

A strip of land 20 feet wide beginning at the intersection of Redding Avenue and Dell Rose Avenue; thence southeasterly 1210 feet, more or less, to the northwesterly line of Potrero Grande Drive.

Tract No. 701 M.B. 16-110-111 — Tract No. 14071 M.B. 39-40

A strip of land 20 feet wide beginning at a point in the southeasterly line of Potrero Grande Drive, distant 640 feet, more or less, southwesterly of Falling Leaf Avenue produced; thence easterly 1820 feet, more or less, to the westerly line of San Gabriel Boulevard.

Lot 7, Tract No. 701 M.B. 16-110-111

A strip of land 20 feet wide beginning at the easterly line of San Gabriel Boulevard, distant southerly 70 feet, more or less, from the most northerly corner of said lot; thence easterly 150 feet, more or less, to the southeasterly line of Rush Avenue.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 5-A, Sheets 1 and 2.

The estimated cost of this project is \$1,511,900.

PROJECT NO. 6

East Compton Creek No. 2

The plan contemplates:

- A. The construction of a reinforced concrete box in Rosecrans Avenue from drain "E" in Santa Fe Avenue to Temple Street; in Temple Street to Bullis Road; in Bullis Road to Imperial Highway; in Imperial Highway to Otis Street; in Otis Street to Abbott Road.
- B. The construction of a reinforced concrete box in Southern Avenue from Virginia Avenue to drain "E" at Madison Avenue.
- C. The construction of a reinforced concrete box in Tweedy Boulevard from Truba Avenue to drain "E" at Madison Avenue.
- D. The construction of a reinforced concrete box in Birch Street from Imperial Highway to Fernwood Avenue; in Fernwood Avenue to drain "A" in Bullis Road.
- E. The construction of a reinforced concrete box in Chestnut Avenue from Independence Avenue to Firestone Boulevard; in Firestone Boulevard to South Gate Avenue; in South Gate Avenue to Southern Avenue; in Southern Avenue to Madison Avenue; in Madison Avenue to Tweedy Boulevard; in Tweedy Boulevard to State Street; in State

Street to Santa Fe Avenue; in Santa Fe Avenue to a proposed Flood Control Channel at Olive Street.

No rights of way or easements are required for the above construction.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and sections—Plate 6-A, Sheets 1 to 3, inclusive.

The estimated cost of this project is \$9,714,800.

PROJECT NO. 7

Slauson - Sepulveda

The plan contemplates the construction of a reinforced concrete pipe in Slauson Avenue from a point approximately 200 feet easterly of Joanne Place to Sepulveda Boulevard; the construction of a reinforced concrete box in Slauson Avenue from Sepulveda Boulevard to Jefferson Boulevard; in Jefferson Boulevard to Inglewood Boulevard; in Inglewood Boulevard to the Pacific Electric Railway right of way; in a 25-foot easement across the Pacific Electric Railway right of way to the proposed Centinela Creek Channel.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Pacific Electric Railway Right of Way

A strip of land 25 feet wide crossing the Pacific Electric railway right of way at Inglewood Boulevard.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and sections—Plate 7-A, Sheets 1 and 2.

The estimated cost of this project is \$544,800.

PROJECT NO. 8

Guirado Avenue

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Whittier Boulevard from Magnolia Avenue to Hadley Street; in Hadley Street to Rincon Drive; the construction of a reinforced concrete box in Hadley Avenue to Glengarry Avenue; in a 30-foot easement to Norwalk Boulevard and Dunlap Crossing Road; in Dunlap Crossing Road 1000 feet, more or less; in a 46-foot easement to the San Gabriel River.
- B. The construction of a reinforced concrete box in Norwalk Boulevard from an existing storm drain at Whittier Boulevard to drain "A" in Dunlap Crossing Road.

A general description of the lands, easements, rights of way, and properties proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 2239 M.B. 28-94-95 — Strong Tract M.R. 7-52

Tract No. 15741 M.B. 351-43-47

A strip of land 30 feet wide beginning at the intersection of Hadley Street and Glengarry Avenue; thence westerly 1850 feet, more or less, to the intersection of Norwalk Boulevard and Mines Boulevard.

Tract No. 1910 M.B. 21-159

A strip of land 46 feet wide beginning in the southerly line of Dunlap Crossing Road, distant 1000 feet, more or less, from the intersection of Dunlap Crossing Road and Norwalk Boulevard; thence southwesterly 1000 feet, more or less, to the San Gabriel River.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 8-A, Sheets 1 and 2.

The estimated cost of this project is \$1,895,800.

PROJECT NO. 9

Los Cerritos

The plan contemplates:

- A. The construction of a reinforced concrete box in Clark Avenue from Center Street to a point approximately 450 feet south of Rose Avenue; in a reinforced concrete channel, in a 30-foot easement to South Street; in a 45-foot easement to Candlewood Street; in a 50-foot easement to Del Amo Boulevard; in a 65-foot easement to Centralia Street; in a 30-foot easement to Carson Street; in a 35-foot easement 1130 feet, more or less, southeasterly to the southerly boundary of the city of Long Beach; in a 90-foot easement to Conant Street; in a 100-foot easement to Spring Street; in a 110-foot easement easterly and southeasterly 5200 feet, more or less, to an existing channel; also the construction of reinforced concrete boxes under Ashworth Street, Hedda Street, Centralia Street, Harvey Way, Carson Street, Conant Street, and Spring Street.
- B. The construction of a reinforced concrete channel in a 50-foot easement from a point 1200 feet, more or less, west of Paramount Boulevard and 900 feet, more or less, north of Del Amo Boulevard easterly to a point 180 feet, more or less, easterly of Downey Avenue; in a 60-foot easement to Coke Avenue; in a 90-foot easement to drain "A"; also reinforced concrete boxes under Paramount Boulevard, Obispo Avenue, Downey Avenue, Del Amo Boulevard, and Lakewood Boulevard.
- C. The construction of a reinforced concrete box under Lakewood Boulevard; a reinforced concrete channel in a 45-foot easement on a westerly prolongation of Carita Street from Lakewood Boulevard to Clark Avenue; a reinforced concrete box in Carita Street to drain "A" 100 feet, more or less, easterly of Charlemagne Avenue.
- D. The construction of a reinforced concrete channel in a 75-foot easement southerly of Spring Street from a point, distance 100 feet, more or less, easterly of Lakewood Boulevard; to drain "A" 100 feet, more or less, easterly of Charlemagne Avenue.
- E. The construction of a reinforced concrete channel in a 65-foot easement from Candlewood Street to Carson Street; in a 70-foot easement to the southerly boundary line of the city of Long Beach; in a 60-foot easement to Conant Street; in a 32-foot ease-

ment to Los Coyotes Boulevard; in a 60-foot easement parallel with Los Coyotes Boulevard to a point distance 500 feet, more or less, northeasterly of Woodruff Avenue; in a 70-foot easement southerly to Spring Street; in a 60-foot easement southerly to drain "A"; also reinforced concrete boxes under Del Amo Boulevard, Arbor Road, and Carson Street.

- F. The construction of a reinforced concrete channel in a 30-foot easement from the the easterly boundary of the city of Long Beach easterly to Clark Avenue; in a 55-foot easement easterly to Bellflower Boulevard; in a 65-foot easement southeasterly to an existing channel; also reinforced concrete boxes under Clark Avenue, Anaheim Road, and Palo Verde Avenue.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"C" Right of Way

Tract No. 8084, M.B. 171-24-30

A strip of land, 45 feet wide, beginning at the east line of Lakewood Boulevard, distance 150 feet, more or less, southerly of Conant Street, thence easterly 2550 feet, more or less, to Clark Avenue.

"F" Right of Way

Rancho Los Alamitos, P. 1-460-462

A strip of land 20 feet wide adjacent to and parallel with an existing easement for storm drain purposes beginning at a point in the west line of the east 1/2 of the northeast 1/4 of Fractional Section 34, T. 4 South, R. 12 West, distance 923 feet, more or less, southerly of the north line of said Section 34, thence southeasterly 6200 feet, more or less to Los Cerritos Channel.

Rancho Los Alamitos, P. 1-460-462

A strip of land 55 feet wide, beginning at a point in the easterly line of Bellflower Boulevard, distance southeasterly 350 feet, more or less, from Atherton Street; thence westerly 3100 feet, more or less, to a point in the easterly line of Clark Avenue.

Tract No. 10548, M.B. 174-15-23

A strip of land 30 feet wide, beginning at a point in the westerly line of Clark Avenue, distance southerly 500 feet, more or less, from Atherton Street; thence westerly 600 feet, more or less, to the easterly boundary of the city of Long Beach.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 9-A, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$6,470,400.

PROJECT NO. 10

Normandie Avenue

The plan contemplates the construction of a reinforced concrete pipe in Vermont Avenue from 140th Street to Rosecrans Avenue; in Rosecrans Avenue to Normandie

Avenue; the construction of a reinforced concrete box in Normandie Avenue from Rosecrans Avenue to 168th Street; the construction of a reinforced concrete pipe from 168th Street to Dominguez Channel.

No rights of way or easements are required for the above construction.

The location, limits and type of work proposed are shown on the plan, profile, and sections—Plate 10-A, Sheets 1 and 2.

The estimated cost of this project is \$1,048,700.

PROJECT NO. 11

Rosecrans Avenue

The plan contemplates the construction of a reinforced concrete pipe in Western Avenue from 139th Street to Rosecrans Avenue; the construction of a reinforced concrete box in Rosecrans Avenue from Western Avenue to Dominguez Channel at Crenshaw Boulevard.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 10-A, Sheets 1 and 3.

The estimated cost of this project is \$522,200.

PROJECT NO. 12

Manhattan Beach Boulevard

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Aviation Boulevard from El Segundo Boulevard to 135th Street; the construction of a reinforced concrete box in 135th Street to the northerly prolongation of Isis Street; southerly in a 15-foot easement to Rosecrans Avenue; in Isis Street to the Santa Fe and Los Angeles Harbor Railway; the construction of a reinforced concrete channel in a 15-foot easement adjacent to the Santa Fe and Los Angeles Harbor Railway to Compton Boulevard and a 20-foot easement to Inglewood Avenue; and the construction of a reinforced concrete box in Inglewood Avenue to Manhattan Beach Boulevard; in Manhattan Beach Boulevard to Dominguez Channel.
- B. The construction of a reinforced concrete pipe in Hawthorne Street from 156th Street to drain "A" in Manhattan Beach Boulevard.
- C. The construction of a reinforced concrete pipe in the first alley east of Hawthorne Street from an existing drain south of 159th Street to drain "A" in Manhattan Beach Boulevard.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Rancho Sausal Redondo P. 1-507-8

A strip of land 15 feet wide beginning at the southerly line of 135th Street, thence southerly along the northerly prolongation of Isis Avenue, a distance of 2680 feet, more or less, to the northerly line of Rosecrans Avenue.

**Santa Fe and Los Angeles Harbor Railroad
Right of Way C.M. 3-1-70**

A strip of land 15 feet wide beginning at the southeasterly corner of Isis Avenue and 146th Street, thence 2340 feet, more or less, southeasterly parallel to the northeasterly line of the Santa Fe and Los Angeles Harbor Railway to the northerly line of Compton Boulevard.

A strip of land 20 feet wide beginning at a point in the southerly line of Compton Boulevard, distant 80 feet east of the Santa Fe and Los Angeles Harbor Railway, thence 2840 feet, more or less, southeasterly parallel to the northeasterly line of the Santa Fe and Los Angeles Harbor Railway to the westerly line of Inglewood Avenue.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 10-A, Sheets 1 and 4.

The estimated cost of this project is \$3,369,400.

PROJECT NO. 13**Inglewood Avenue-Century Boulevard**

The plan contemplates the construction of a reinforced concrete box in Century Boulevard from Aviation Boulevard to Anza Avenue; in Anza Avenue to 104th Street; in 104th Street to Felton Avenue; in Felton Avenue to Lennox Boulevard; in Lennox Boulevard to Inglewood Avenue; in Inglewood Avenue to an existing drain in 116th Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 10-A, Sheets 1 and 5.

The estimated cost of this project is \$3,121,800.

PROJECT NO. 14**D. D. I. 26 Relief Trunk**

The plan contemplates the construction of a reinforced concrete arch in a 20-foot easement from an existing channel, distance 100 feet, more or less, from the easterly terminus of Ford Boulevard 4600 feet, more or less, southwesterly, to the intersection of Second Street and Eastern Avenue; in Eastern Avenue to Whittier Boulevard; the construction of a reinforced concrete box, in Eastern Avenue to a point 300 feet, more or less, southerly from Verona Street; the construction of a reinforced concrete arch, in Eastern Avenue to Dunham Street; the construction of a reinforced concrete box in Eastern Avenue to Noakes Street; in a 30-foot easement on a southerly prolongation

of Eastern Avenue, distance 650 feet, more or less; thence southwesterly to Ayers Avenue; in Ayers Avenue to Sheila Street; in a 35-foot easement distance 1900 feet, more or less, to Bandini Boulevard; in Bandini Boulevard to Ayers Avenue; in a 35-foot easement on a southwesterly prolongation of Ayers Avenue, distance 1200 feet, more or less; thence southerly to the Los Angeles River.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

N.W. 1/4 Sec. 32, T. 1. S., R. 12 W., S. B.M.

Tract No. 5582 — M.B. 63-14-15

Tract No. 5293 — M.B. 56-79

Observation Heights Tract — M.B. 10-75

Tract No. 4786 — M.B. 50-62

Humphreys First Addition to Boyle Heights M.R. 14-90

Tract No. 4898 — M.B. 59-8

L. H. Whitson's Subdivision M.R. 28-45

Tract No. 6586 — M.B. 55-91

A strip of land 20 feet wide beginning at a point, distance 100 feet, more or less, northeasterly from the easterly terminus of Ford Boulevard, thence southwesterly, a distance of 4600 feet, more or less, to the intersection of Second Street and Eastern Avenue. Excepting those portions within dedicated rights of way.

Los Angeles and Salt Lake Railroad Right of Way

Tract No. 8626 — M.B. 121-96-100

A strip of land 30 feet wide from the southerly line of Noakes Street, along a southerly prolongation of Eastern Avenue, distance 650 feet, more or less, to a point; thence southwesterly to the northerly terminus of Ayers Avenue.

Rancho San Antonio — P-1-389

Atchison, Topeka and Santa Fe Railroad Right of Way

A strip of land 35 feet wide from the intersection of Sheila Street and Ayers Avenue, southwesterly to Bandini Boulevard, excepting those portions within dedicated rights of way.

Rancho San Antonio — P-1-389

A strip of land 35 feet wide from the southeasterly line of Bandini Boulevard along a southwesterly prolongation of Ayers Avenue, a distance of 1200 feet, more or less, to a point, thence southerly to the northeasterly line of the Los Angeles River right of way, excepting those portions within dedicated rights of way.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and sections—Plate 14-A, Sheets 1 and 2.

The estimated cost of this project is \$4,977,300.

PROJECT NO. 15

Sorenson Avenue

The plan contemplates:

- A. The construction of a concrete lined channel, in a 25-foot easement, from Washington Boulevard, distance 300 feet, more or less, west of Calobar Avenue to the Southern Pacific Railroad Right of Way; in a 50-foot easement, southerly, to an intersection with the northwesterly prolongation of Mulberry Drive; on above prolongation and adjacent to Mulberry Drive to a point 400 feet, more or less, from Greenleaf Avenue; thence southwesterly to the Pacific Electric Railway Right of Way; in a 60-foot easement southwesterly distance 1250 feet, more or less, to a point; in an 80-foot easement southeasterly to Painter Avenue; in a 100-foot easement southeasterly and southwesterly to Anaheim Telegraph Road; also the construction of reinforced concrete boxes under the following streets and railroads:—Byron Road, Southern Pacific Railroad, Santa Fe Springs Road, Pacific Electric Railway, Reis Street, Painter Avenue, Gunn Avenue, Reis Street and the Athison, Topeka and Santa Fe Railroad.
- B. The construction of a reinforced concrete box in Whittier Boulevard from Washington Boulevard to Santa Fe Springs Road; in Santa Fe Springs Road to drain "A" at Mulberry Drive.
- C. The construction of a reinforced concrete box in Washington Boulevard from Vanport Avenue to the Pacific Electric Railway right of way; the construction of a reinforced concrete channel in a 30-foot easement, southerly and southeasterly to Santa Fe Springs Road; in a 35-foot easement, southeasterly 1050 feet, more or less, to drain "A"; also the construction of reinforced concrete boxes under the following streets and railroads:—Pacific Electric Railway, Slauson Avenue, Southern Pacific Railroad and Pacific Electric Railway, and Santa Fe Springs Road.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way

Tract No. 2329, M.B. 26-2

A strip of land 25 feet wide beginning at the southerly line of Washington Boulevard, distance 300 feet, more or less, westerly of Calobar Avenue; thence southerly 450 feet, more or less, to a point in the northern line of Byron Road.

Colima Tract, P. 2-345

A strip of land 25 feet wide beginning at the southerly line of Byron Road, distance 2200 feet, more or less, easterly of Sorenson Avenue, thence southerly 1200 feet, more or less, to a point in the northerly line of the Southern Pacific Railroad right of way.

Southern Pacific Railroad Right of Way

A strip of land 50 feet wide beginning at said last mentioned point, thence southerly across said right of way to the southerly line of the Southern Pacific Railroad right of way.



**Downey Shopping district, Firestone Boulevard and
La Reina Street Looking west along Firestone.**

The Firestone-Downey Project No. 18 will remove storm water from this area.

Colima Tract P. 2-345

A strip of land 50 feet wide beginning at the northwesterly line of Santa Fe Springs Road, distance 25 feet, more or less, southwesterly of Mulberry Drive, thence northwesterly, parallel to said Mulberry Drive produced, distance 600 feet, more or less, thence northerly 800 feet, more or less, to a point in the southerly line of the Southern Pacific Railroad right of way.

A Resurvey of Gunn & Hazzard's Plat of the Cullen Tract, M.R. 34-64

A strip of land 50 feet wide beginning at the southeasterly line of Santa Fe Springs Road, distance 25 feet, more or less, southwesterly of Mulberry Drive, thence southeasterly parallel with said Mulberry Drive, 1100 feet, more or less, thence southwesterly 400 feet, more or less, to a point in the northerly line of the Pacific Electric Railway right of way.

Pacific Electric Railway Right of Way

A strip of land 60 feet wide beginning at said last mentioned point, thence southwesterly across said right of way to a point in the southerly line of the Pacific Electric Railway right of way.

A Resurvey of Gunn & Hazzard's Plat of the Cullen Tract, M.R. 34-64

A strip of land 60 feet wide beginning at said last mentioned point, continuing southwesterly 1250 feet, more or less, to a point, and a strip of land 80 feet wide beginning at said last mentioned point, thence southeasterly 1100 feet, more or less, to a point in the northeasterly line of Reis Street.

Tract No. 725, M.B. 16-70 and 71

A strip of land 80 feet wide beginning at the southwesterly line of Reis Street, distance 400 feet, more or less, southeasterly of Greenleaf Avenue, thence southeasterly 1200 feet, more or less, to the northwesterly line of Painter Avenue.

**A Resurvey of Gunn & Hazzard's Plat of the Cullen Tract, M.R. 34-64
Gum Grove Tract, M.B. 13-166 and 167**

A strip of land 100 feet wide beginning at the southeasterly line of Painter Avenue, distance 450 feet, more or less, southwesterly of Reis Street, thence southeasterly 4100 feet, more or less, to northwesterly line of Gunn Avenue; excepting those portions crossing dedicated streets.

**A Resurvey of Gunn & Hazzard's Plat of the Cullen Tract, M.R. 34-64
Stoddards Subdivision of part of the Colima Tract, M.R. 60-17 and 18**

A strip of land 100 feet wide beginning at the southeasterly line of Gunn Avenue, approximately 700 feet northeasterly of Reis Street, thence southerly 950 feet to a point in the northeasterly line of Reis Street.

Tract No. 15747, M.B. 340-40 and 41 R.S. 59-28

A strip of land 100 feet wide beginning in the southwesterly line of Reis Street, distance 300 feet, more or less, northwesterly of Mills Avenue, thence southerly 400 feet, more or less, to a point in the northwesterly line of Mills Avenue.

Tract No. 505, M.B. 15-94 and 95

A strip of land 100 feet wide beginning at the southeasterly line of Mills Avenue, distance 50 feet, more or less, northeasterly of Close Street, thence southwesterly 1040 feet, more or less, to a point in the northerly line of the Atchison, Topeka and Santa Fe Railroad right of way.

Atchison, Topeka and Santa Fe Railroad Right of Way

A strip of land 100 feet wide beginning at said last mentioned point, thence southwesterly across said right of way to a point in the southerly line of the Atchison, Topeka and Santa Fe Railroad right of way.

Tract No. 505, M.B. 15-94 and 95

A strip of land 100 feet wide beginning at said last mentioned point, thence southwesterly to a point in the northeasterly line of Anaheim Telegraph Road.

"C" Right of Way**Stevens Subdivision of the See Tract, L.S. 3-22**

A strip of land 30 feet wide beginning at the intersection of the southerly line of Washington Boulevard and the westerly line of the Pacific Electric Railway right of way; thence southerly along the westerly line of the Pacific Electric Railway right of way 1600 feet, more or less, to a point in the westerly line of the Pacific Electric Railway right of way.

Pacific Electric Railway Right of Way

A strip of land 30 feet wide beginning at said last mentioned point; thence southerly across the Pacific Electric Railway right of way to a point in the easterly line of said right of way.

Stevens Subdivision of the See Tract, L.S. 3-22

A strip of land 30 feet wide beginning at said last mentioned point; thence southerly to a point in the northerly line of Slauson Avenue.

Colima Tract, P. 2-345, C.F. 157

A strip of land 30 feet wide beginning at a point in the southerly line of Slauson Avenue, distance 100 feet, more or less, easterly of Dice Road; thence southerly 2000 feet, more or less, to the intersection of the northerly lines of the Pacific Electric Railway right of way and the Southern Pacific Railroad right of way.

Pacific Electric Railway Right of Way**Southern Pacific Railroad Right of Way**

A strip of land 30 feet wide beginning at said last mentioned intersecting lines; thence southerly across the Pacific Electric Railway right of way and the Southern Pacific Railroad right of way to the intersection of the southerly lines of said rights of way.

Colima Tract, P. 2-345, C.F. 157

A Resurvey of Gunn & Hazzard's Plat of the Cullen Tract, M.R. 34-64

A strip of land 30 feet wide beginning at said last mentioned intersecting lines; thence easterly along the southerly line of the Pacific Electric Railway right of way 3000 feet, more or less, thence southeasterly 500 feet, more or less, to a point in the northwesterly line of Santa Fe Springs Road, distance 300 feet, more or less, southwesterly from the Pacific Electric Railway right of way.

A Resurvey of Gunn & Hazzard's Plat of the Cullen Tract, M.R. 34-64

A strip of land 35 feet wide beginning at a point in the southeasterly line of Santa Fe Springs Road, distance 300 feet, more or less, southwesterly from the Pacific Electric Railway right of way; thence southeasterly 1050 feet, more or less, to a junction with the easement for line "A".

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 15-A, Sheets 1 to 3, inclusive.

The estimated cost of this project is \$2,261,800.

PROJECT NO. 16

Cerritos-Maplewood

The plan contemplates the construction of a reinforced concrete box in Maplewood Avenue from Clark Avenue to Washington Street; in Washington Street to Woodruff Avenue; in Woodruff Avenue to Center Street; in Center Street to a point 500 feet, more or less, easterly of Chicago Avenue; the construction of a reinforced concrete channel in a 50-foot easement paralleling the San Gabriel River for 3900 feet, more or less, to the San Gabriel River.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Sommerset Acres, M.B. 14-78

Rancho Los Coyotes Patents 1-493-494

A strip of land 50 feet wide beginning at the southerly line of Center Street, distance 500 feet, more or less, easterly of Chicago Avenue, thence southerly parallel to the Official Bed of the San Gabriel River to a point in the northerly line of the Pacific Electric Railway right of way.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 16-A, Sheets 1 and 2.

The estimated cost of this project is \$2,466,000.

PROJECT NO. 17

Michigan Avenue

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot easement, from an existing drain in Sixth Street, distance 600 feet, more or less, south-

easterly from College Avenue to Sunrise Drive; in Sunrise Drive to Euclid Avenue; in Euclid Avenue to Third Street; in Third Street to Michigan Avenue; in Michigan Avenue to Whittier Boulevard; in Whittier Boulevard to 100 feet, more or less, northwesterly from Jacmar Avenue; the construction of a reinforced concrete box, in a 20-foot easement, southwesterly 200 feet, more or less, to a point 220 feet, more or less, from Oak Street; the construction of a reinforced concrete channel, in a 20-foot easement, from above box to Oak Street; in an existing 20-foot easement southwesterly to the Los Angeles and Salt Lake Railroad right of way; in an existing concrete lined channel and box to the Pacific Electric Railway right of way; the construction of a concrete lined channel, in an existing 30-foot easement to Mulberry Drive; in existing reinforced concrete boxes and an existing asphalt lined channel to Calmada Avenue; the construction of a concrete lined channel, in an easement southeasterly 100 feet, more or less, to the proposed Sorenson Avenue Drain; also the construction of reinforced concrete boxes under the following streets and railroads:—Oak Street, Carnell Street, Dittmar Street, Los Angeles and Salt Lake Railroad, Lambert Road, and Pacific Electric Railway.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Subdivision of the East Whittier Rancho, M.R. 43-15, 16

Tract No. 15920, M.B. 355-35, 36

A strip of land 20 feet wide beginning at the southwesterly line of Sixth Street, distance 600 feet, more or less, southeasterly from College Avenue, then southerly 1000 feet, more or less, to a point in the northerly line of Sunrise Drive.

A Resurvey of Gunn and Hazzard's Plat of the Cullen Tract,

M.R. 34-64, M.R. 42-28

A strip of land 10 feet wide beginning at the southwesterly line of Whittier Boulevard, distance 100 feet, more or less, northwesterly from Jacmar Avenue, thence southwesterly 350 feet, more or less, adjoining and parallel to an existing 10-foot easement, to an existing 20-foot easement.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 17-A, Sheets 1 and 2.

The estimated cost of this project is \$536,100.

PROJECT NO. 18

Firestone-Downey

The plan contemplates the construction of a reinforced concrete box in Firestone Boulevard from Myrtle Street to the Southern California Edison Company's right of way; in a 30-foot easement to the Rio Honda.

A general description of the lands, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Southern California Edison Company Right of Way

A strip of land 30 feet wide beginning at a point in the southerly line of Firestone Boulevard, distant 250 feet, more or less, easterly of the Rio Hondo, thence southwesterly 340 feet, more or less, to the Rio Hondo right of way.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 18-A, Sheets 1 and 2.

The estimated cost of this project is \$1,085,600.

PROJECT NO. 19

Hollydale "A"

The plan contemplates the construction of a reinforced concrete pipe in Old River School Road from Quill Drive to Imperial Highway; the construction of a reinforced concrete box in Imperial Highway to a point 200 feet, more or less, westerly of Old River School Road; in a 20-foot easement, 3100 feet, more or less, to Gardendale Street; in Gardendale Street to Industrial Avenue; in Industrial Avenue to Century Boulevard; in Century Boulevard to Arthur Avenue; in Arthur Avenue to the Pacific Electric Railway right of way; in a 30-foot easement, 600 feet, more or less, to Rosecrans Avenue; in Rosecrans Avenue to El Camino Avenue; in a 40-foot Easement, parallel with Rosecrans Avenue 200 feet, more or less, to the Los Angeles River.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Santa Gertrudes Land Association, M.R. 32-18

A strip of land 20 feet wide commencing at a point in the southerly line of Imperial Highway, distance 200 feet, more or less, westerly of Old River School Road, thence southwesterly 3100 feet, more or less, to the northerly line of Gardendale Street.

Pacific Electric Railway Right of Way

Tract No. 5792, M.B. 67-63-64

A strip of land 30 feet wide commencing at the intersection of Arthur Avenue and the Pacific Electric Railway right of way, thence southerly 600 feet, more or less, along the southerly prolongation of Arthur Avenue to the northerly line of Rosecrans Avenue.

Tract No. 6251, M.B. 67-7-12

A strip of land 40 feet wide commencing at a point in the southerly line of Rosecrans Avenue between El Camino Avenue and the Los Angeles River, thence westerly parallel with Rosecrans Avenue to the Los Angeles River.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and sections—Plate 19-A, Sheets 1 and 2.

The estimated cost of this project is \$2,935,100.

PROJECT NO. 20

Hollydale "B"

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot easement from Anaheim-Telegraph Road, distance 400 feet, more or less, from Paramount Boulevard to Parrot Avenue; in Parrot Avenue to Santa Ana Freeway; across Santa Ana Freeway to Brock Avenue; in Brock Avenue to Suva Street; in Suva Street to Samoline Avenue; in Samoline Avenue to Lubec Street; in Lubec Street to Tweedy Lane; in Tweedy Lane to Gainford Street; in Gainford Street to Horley Avenue; in Horley Avenue to Florence Avenue; in Florence Avenue to the Rio Hondo.

A general description of the lands, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 212, M.B. 14-54, 55

A strip of land 20 feet wide beginning at a point in the southwesterly line of Anaheim-Telegraph Road, distance 400 feet, more or less, southeasterly from Paramount Boulevard, thence southwesterly 400 feet, more or less, to Parrot Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and section—Plate 20-A, Sheets 1 and 2.

The estimated cost of this project is \$798,900.

PROJECT NO. 21

Artesia-Norwalk

The plan contemplates:

- A. The construction of a reinforced concrete pipe in a 15-foot easement, from Imperial Highway 1500 feet, more or less, easterly from Norwalk Boulevard to the intersection of Leffingwell Road and Silver Bow Avenue; in Silver Bow Avenue to Markdale Avenue; in a 15-foot easement to Santa Ana Freeway; across Santa Ana Freeway to Silver Bow Avenue; in Silver Bow Avenue to Firestone Boulevard; in a 15-foot easement to Sheridan Street; in Sheridan Street to Norwalk Boulevard; in Norwalk Boulevard to Excelsior Drive; the construction of a reinforced concrete box from Excelsior Drive to Flora Vista Street; in Flora Vista Street to 195th Street; the construction of a reinforced concrete channel in a 60-foot easement adjacent to the Pacific Electric Railroad right of way to Coyote Creek; also the construction of a reinforced concrete box under Bloomfield Avenue.
- B. The construction of a reinforced concrete pipe in Paddison Avenue from Imperial Highway to Front Street; in Front Street to Kalnor Avenue; in a 15-foot easement to the intersection of Kalnor Avenue and Foster Road; in Kalnor Avenue to Pioneer Boulevard; in Pioneer Boulevard to Alondra Boulevard; the construction of a reinforced concrete box from Alondra Boulevard to Ashworth Street; in Ashworth Street to Elaine Avenue; in Elaine Avenue to 183rd Street; in 183rd Street to drain "A" in Norwalk Boulevard.
- C. The construction of a reinforced concrete channel in a 35-foot easement parallel with, and 250 feet, more or less southerly of Centralia Road, from the southerly prolonga-

tion of Nectar Avenue to Pioneer Boulevard; in a 45-foot easement to a point distance 900 feet, more or less, westerly of Norwalk Boulevard; in a 55-foot easement to Carson Street; in a 60-foot easement to 226th Street; in a 65-foot easement to Coyote Creek; also the construction of reinforced concrete boxes under Pioneer Boulevard and Carson Street.

- D. The construction of a reinforced concrete channel in a 45-foot easement from Norwalk Boulevard, distance 250 feet, more or less, southerly of Centralia Road 900 feet, more or less, to drain "C".

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way

Rancho Santa Gertrudes, P. 1-156-158

Fractional Section 18, T. 3 S. R. 11 W.

A strip of land 15 feet wide commencing at the southerly line of Imperial Highway, distance 1500 feet, more or less, easterly from Norwalk Boulevard, thence southerly 850 feet, more or less, and easterly 400 feet, more or less, to the intersection of Leffingwell Road and Silver Bow Avenue.

Rancho Los Coyotes, P. 1-493-494

Fractional Section 18, T. 3 S. R. 11 W.

Tract No. 15205, M.B. 354-11 to 14

Tract No. 15206, M.B. 355-15 to 17

A strip of land 15 feet wide commencing at the southwesterly line of Markdale Avenue at Silver Bow Avenue, thence southwesterly 250 feet, more or less, to the northeasterly terminus of Silver Bow Avenue, excepting those portions in dedicated streets.

Rancho Los Coyotes, P. 1-493-494

Fractional Section 18, T. 3 S. R. 11 W.

Southern Pacific Railroad (Santa Ana Branch)

Tract No. 16258, M.B. 375-17 and 18

Tract No. 5129, M.B. 66-12

A strip of land 15 feet wide commencing at the southerly line of Firestone Boulevard at Silver Bow Avenue, thence southwesterly 1000 feet, more or less, to Sheridan Street, excepting those portions in dedicated streets.

Rancho Los Coyotes, P. 1-493-494

John F. Dignum Tract, M.B. 17-9

Tract No. 552, M.B. 15-32

A strip of land 60 feet wide commencing at the southerly line of 195th Street at Flora Vista Street, thence southeasterly, adjacent to the northeasterly right of way line of the Pacific Electric Railway right of way, 4300 feet, more or less, to Coyote Creek, excepting those portions in dedicated streets.

"B" Right of Way

Tract No. 1760, M.B. 20-162

Tract No. 5348, M.B. 74-68

Southern Pacific Railroad (Santa Ana Branch)

A strip of land 15 feet wide commencing at the southerly line of Front Street at Kalnor Avenue, thence southwesterly 400 feet, more or less, to Foster Road at Kalnor Avenue.

"C" Right of Way

Rancho Los Coyotes, P. 1-493-494

Fractional Section 12, T. 4 S. R. 12 W.

A strip of land 35 feet wide commencing at a point in the southerly prolongation of Nectar Avenue, distance 250 feet, more or less, southerly of Centralia Road, thence easterly parallel to said Centralia Road, 1700 feet, more or less, to the westerly line of Pioneer Boulevard.

Rancho Los Coyotes, P. 1-493-494

Fractional Section 7, T. 4 S. R. 11 W.

L. S. 13-45

A strip of land 45 feet wide commencing at a point in the easterly line of Pioneer Boulevard, distance 250 feet, more or less, southerly of Centralia Road, thence easterly parallel to said Centralia Road, 2050 feet, more or less, to a point 900 feet, more or less, westerly of Norwalk Boulevard.

Rancho Los Coyotes, P. 1-493-494

Fractional Section 7, T. 4 S. R. 11 W.

L.S. 13-45 — R.S. 46-10

A strip of land 55 feet wide commencing at said last mentioned point, thence southerly, parallel to Norwalk Boulevard, 2300 feet, more or less, to the northerly line of Carson Street.

L.S. 16-9 — L.S. 17-2

A strip of land 60 feet wide commencing at a point in the southerly line of Carson Street, distance 900 feet, more or less, westerly of Norwalk Boulevard, thence southerly, parallel to said Norwalk Boulevard, 2650 feet, more or less, to a point in the southerly line of 226th Street, excepting those portions in dedicated streets.

Rancho Los Coyotes, P. 1-493-494

Tract No. 10548, M.B. 174-15 to 23

A strip of land 65 feet wide commencing at said last mentioned point, thence southerly 450 feet, more or less, thence southeasterly 750 feet, more or less, to a point 250 feet easterly of Norwalk Boulevard, thence southerly, parallel to said Norwalk Boulevard, 2600 feet, more or less, to Coyote Creek.

"D" Right of Way

L.S. 13-45

A strip of land 45 feet wide commencing at a point in the westerly line of Norwalk Boulevard, distance 250 feet, more or less, southerly of Centralia Road, thence westerly, parallel to said Centralia Road, 900 feet, more or less, to right of way described under "C".

The location, limits, type of work proposed, and rights of way or easements, required are shown on the plan, profiles, and Sections—Plate 21-A, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$5,193,100.

PROJECT NO. 22

Claremont

The plan contemplates the construction of a reinforced concrete pipe in Indian Hill Boulevard from Foothill Boulevard to Harrison Avenue; in Harrison Avenue to Alexander Avenue; in Alexander Avenue to Cucamonga Avenue; in Cucamonga Avenue to College Avenue; in College Avenue to San Bernardino Avenue; in San Bernardino Avenue to Mills Avenue; then southeasterly in a 20-foot easement, 2150 feet, more or less, to San Antonio Wash.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

In San Bernardino County

A strip of land 20 feet wide beginning at the intersection of San Bernardino Avenue (west) and Mills Avenue, thence southeasterly 2150 feet, more or less, to San Antonio Wash.

The location, limits, type of work proposed, and rights of way or easements, required are shown on the plan, profile, and section.—Plate 22-A, Sheets 1 and 2.

The estimated cost of this project is \$912,300.

PROJECT NO. 23

El Monte

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Cedar Avenue from Basye Street to Bryant Road; in Bryant Road to the Rio Hondo.
- B. The construction of a reinforced concrete pipe in Tyler Avenue from Basye Street to drain "A" in Bryant Road.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed, are shown on the plan, profiles, and section—Plate 23-A, Sheets 1 and 2.

The estimated cost of this project is \$268,000.

PROJECT NO. 24

Michillinda Avenue

The plan contemplates the construction of a reinforced concrete pipe in Michillinda Avenue from Sierre Madre Boulevard to Foothill Boulevard; the construction of a reinforced concrete box from Foothill Boulevard to Huntington Drive; in a 15-foot easement, except for street crossings, along the southerly prolongation of Michillinda Avenue to Duarte Road; in Duarte Road to Oak Avenue; in Oak Avenue to Lemon Avenue; in Lemon Avenue to Encinita Avenue; in Encinita Avenue to Eaton Wash.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 3707, M.B. 40-51

Tract No. 3747, M.B. 40-95

Tract No. 10815, M.B. 188-7 and 8

A strip of land 15 feet wide beginning at the intersection of Michillinda Avenue and Huntington Drive, thence southerly along Michillinda Avenue produced, to Duarte Road, except those portions in dedicated streets.

Southern Pacific Railroad Right of Way

A strip of land 15 feet wide beginning at the northerly line of the Southern Pacific Railroad right of way (Duarte Branch) and Michillinda Avenue produced southerly, thence southerly 40 feet, more or less, along Michillinda Avenue produced, to the southerly line of the Southern Pacific Railroad right of way.

The location, limits, type of work proposed, and rights of way or easements, required are shown on the plan, profile, and sections—Plate 24-A, Sheets 1 and 2.

The estimated cost of this project is \$2,667,400.

PROJECT NO. 25

Peck Road

The plan contemplates the construction of a reinforced concrete channel in a 50-foot easement from Duarte Road, distance 300 feet, more or less, easterly of Alta Vista Avenue, to Peck Road; the construction of a reinforced concrete box in Peck Road to Jeffries Avenue; in a 30-foot easement on a prolongation of Jeffries Avenue to Myrtle Avenue; in Myrtle Avenue to Sawpit Wash.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

F. A. Geier Tract, M.B. 23-40

A strip of land 50 feet wide beginning at the southerly line of Duarte Road, distance 300 feet, more or less, east of Alta Vista Avenue, thence southeasterly 650 feet, more or less, to an existing 50-foot easement.

I. H. Polk Tract, M.B. 15-17

A strip of land 30 feet wide beginning at the intersection of Jeffries Avenue and Peck Road, thence along a southeasterly prolongation of Jeffries Avenue, distance 700 feet, more or less, to Myrtle Avenue.

The location, limits, type of work proposed, and rights of way or easements, required are shown on the plan, profile, and Sections—Plate 25-A, Sheets 1 and 2.

The estimated cost of this project is \$814,000.

PROJECT NO. 26

Southeast San Gabriel

The plan contemplates:

- A. The construction of a reinforced concrete pipe line in Central Avenue from San Gabriel Boulevard to Rubio Wash.
- B. The construction of a reinforced concrete pipe line in Strathmore Avenue from Dewey Avenue to Saxon Avenue; in Saxon Avenue to Alhambra Wash.
No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and section—Plate 26-A, Sheets 1 and 2.

The estimated cost of this project is \$167,000.

PROJECT NO. 27

Baldwin Avenue

The plan contemplates:

- A. The construction of a reinforced concrete box in Baldwin Avenue from Lower Azusa Road to Gidley Street; in a 25-foot easement along a prolongation of Baldwin Avenue, distance 600 feet, more or less, to the Southern Pacific Railroad right of way, across said right of way to Eunice Avenue; in Eunice Avenue to Valley Boulevard; in a 25-foot easement to Eaton Wash.
- B. The construction of a reinforced pipe in Bessie Avenue from Gibson Road to drain "A" in Eunice Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Gidley-Peirson Tract, M.B. 21-64

F. W. Gibson's Tract, M.R. 15-39

Southern Pacific Railroad Right of Way

A strip of land 25 feet wide from Gidley Street along a southwesterly prolongation of Baldwin Avenue, distance 600 feet, more or less, to the Southern Pacific Railroad right of way, thence southwesterly across said right of way to Eunice Avenue.

Rancho San Francisquito, P. 1-31-32

A strip of land 25 feet wide from the intersection of Eunice Avenue and Valley Boulevard southwesterly 600 feet, more or less, to Eaton Wash.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 27-A, Sheets 1 and 2.

The estimated cost of this project is \$717,600.

PROJECT NO. 28**88th Street and Vermont Avenue**

The plan contemplates the construction of a reinforced concrete pipe in Normandie Avenue from 88th Place to 88th Street; in 88th Street to an existing drain at Vermont Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 28-A, Sheets 1 and 2.

The estimated cost of this project is \$148,000.

PROJECT NO. 29**East Whittier**

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot easement from Second Street to Lambert Road following the natural channel of La Canada Verde Creek.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 159, Sheet 2, M.B. 17-190-191

A strip of land 20 feet wide in a portion of Block 12, Tract No. 159, beginning at a point in the easterly prolongation of the northerly line of Second Street; thence southerly in said portion to the northeasterly line of Whittier Boulevard.

Resurvey of Gunn and Hazzard's Plat of the Cullen Tract, M.R. 34-64

Tract No. 13947, M.B. 371-12-13

Tract No. 15674, M.B. 367-1-5

Tract No. 16722, M.B. 389-29-31

Tract No. 17299, M.B. 420-27-30

Los Angeles and Salt Lake Railroad Right of Way

Pacific Electric Railway Right of Way

A strip of land 20 feet in width beginning at the southerly line of Whittier Boulevard and following the natural drainage channel of La Canada Verde Creek to the northerly line of Lambert Road, excluding the crossings of dedicated streets.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 29-A, Sheets 1 and 2.

The estimated cost of this project is \$289,800.

PROJECT NO. 30

Duarte

The plan contemplates the construction of a reinforced concrete pipe in Buena Vista Avenue from the northerly line of the Pacific Electric Railway right of way to Duarte Road; in Duarte Road to a point 250 feet, more or less, easterly of Buena Vista Avenue; the construction of a reinforced concrete channel in a 50-foot easement from Duarte Road to a proposed Flood Control Channel at Meridian Street.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Azusa Rancho—Patents 2-561

J. R. Loftus Tract No. 1—Sheet 2, M.B. 14-29

A strip of land 50 feet wide beginning at a point in the southerly line of Duarte Road, distance 250 feet, more or less, easterly of Buena Vista Avenue, thence southerly 4150 feet, more or less, to proposed Flood Control Channel right of way.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 30-A, Sheets 1 and 2.

The estimated cost of this project is \$487,900.

PROJECT NO. 36

Van Nuys Boulevard - Tyrone Avenue Storm Drain District

The plan contemplates the construction of a reinforced concrete pipe in Van Nuys Boulevard from an existing drain at Valerio Street to the Los Angeles River.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and section—Plate 1-B, Sheets 1 and 2.

The estimated cost of this project is \$1,288,100.

PROJECT NO. 37

Woodman Avenue - Chandler Avenue to Ventura Boulevard Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Woodman Avenue, from Ventura Boulevard to the Los Angeles River.

- B. The construction of a reinforced concrete pipe in Woodman Avenue from Chandler Boulevard to the Los Angeles River.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plans, profiles, and sections—Plate 2-B, Sheets 1 to 4 inclusive.

The estimated cost of this project is \$577,100.

PROJECT NO. 38

Colfax Avenue - Lankershim Boulevard Storm Drain

The plan contemplates the construction of a reinforced concrete pipe or box in Lankershim Boulevard, from Sherman Way to Colfax Avenue; in Colfax Avenue to Collins Street; in Collins Street to Troost Avenue; in Troost Avenue to Burbank Boulevard; then across property of the Department of Recreation and Parks to the Tujunga Wash.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

The proposed construction from the southerly line of Burbank Boulevard to the Tujunga Wash Channel on the prolongation of Troost Avenue, is across property of the Department of Recreation and Parks of the City of Los Angeles, known as North Hollywood Park, and is subject to the approval of that Department.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 3-B, Sheets 1 and 2.

The estimated cost of this project is \$838,200.

PROJECT NO. 39

Cahuenga Boulevard and Vineland Avenue Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe or box in Vineland Avenue from Saticoy Street to Burbank Boulevard; in Burbank Boulevard to Cahuenga Boulevard; and in Cahuenga Boulevard to the Los Angeles River.
- B. The construction of a reinforced concrete pipe in Vineland Avenue from Lankershim Boulevard to an existing drain 100 feet north of Riverside Drive.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plans, profiles, and sections—Plate 4-B, Sheets 1 to 3, inclusive.

The estimated cost of this project is \$2,241,600.

PROJECT NO. 42
Brentwood Storm Drain System

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot right of way westerly of Anita Avenue, Gretna Green Way, and Wellesley Avenue from 1,100 feet northerly of San Vicente Boulevard to an existing drain at Wilshire Boulevard westerly of McClellan Drive; except those portions in dedicated streets.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 5462, M.B. 58-71/72

A strip of land 20 feet wide westerly of Anita Avenue beginning at the northerly line of lot 337, then southerly through lots 337 to 356 inclusive, and thru lot 265 joining existing right of way at San Vicente Boulevard.

Tract No. 2833, M.B. 36-79

A strip of land 20 feet wide approximately 1,500 feet westerly of Gretna Green Way from San Vicente Boulevard to Montana Avenue.

Tract No. 2385, M.B. 23—110/111 — Tract No. 1420, M.B. 20-26/27

A strip of land 20 feet wide westerly of Wellesley Avenue from Montana Avenue southerly through lots 277 to 267, inclusive, Tract No. 2385, and lots 5, 6, 7, 10, 12, 13, 16, 17, 26, 27, 28 and 29 of Tract No. 1420 to Darlington Avenue.

**Tract No. 8971, M.B. 140-53/54 — Tract No. 2385, M.B. 23-110/111 —
Tract No. 5908, M.B. 65-70/71**

A strip of land 20 feet wide westerly of Wellesley Avenue from Darlington Avenue southerly along the westerly line of Tract No. 5908 and the easterly lines of Tract No. 8971, and Tract No. 2385 to the southerly line of lot 303, Tract No. 2385, and in a 20-foot right of way westerly of McClellan Drive from the northerly line of lot 7, Block 1, Tract No. 5908, to Wilshire Boulevard.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and section—Plate 7-B, Sheet 1.

The estimated cost of this project is \$325,100.

PROJECT NO. 43
Bundy Drive and Bowling Green Way Storm Drain

The plan contemplates the construction of a reinforced concrete inlet structure and a reinforced concrete pipe in a 30-foot right of way westerly of Bundy Drive from 150 feet, more or less, northerly of Norman Place to Bundy Drive; in Bundy Drive from Norman Place to Sunset Boulevard; the construction of a reinforced concrete elliptical section in Bundy Drive from Sunset Boulevard to San Vicente Boulevard; and in a 30-foot right of way westerly of Bundy Drive from San Vicente Boulevard to an existing drain.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 9843, M.B. 166 - 24/66

A strip of land 30 feet wide westerly of Bundy Drive extending 150 feet, more or less, northerly from Norman Place .

Tract No. 1159, M.B. 17 - 168 (Acquired by the Board of Education, City of Los Angeles)

A strip of land 30 feet wide westerly of Bundy Drive extending 300 feet, more or less, southerly of the south line of San Vicente Boulevard.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 8-B, Sheet 1.

The estimated cost of this project is \$914,300.

PROJECT NO. 44

Beverly Glen Boulevard, North of, to Sunset Boulevard Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in Beverly Glen Boulevard from Beverly Glen Place to 800 feet southerly of Montline Lane; the construction of a reinforced concrete elliptical section in Beverly Glen Boulevard from above pipe to Greendale Drive; and in an existing 15-foot right of way westerly of Beverly Glen Boulevard from Greendale Drive to Sunset Boulevard 250 feet westerly of Bel-Air Road.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 9-B, Sheet 1.

The estimated cost of this project is \$807,700.

PROJECT NO. 45

Benedict Canyon Storm Drain System

The plan contemplates the construction of a reinforced concrete pipe in Hutton Drive from 350 feet southerly of Oak Pass Road to Benedict Canyon Drive, in Benedict Canyon Road to Wanda Park Road; the construction of a reinforced concrete box in Benedict Canyon Drive from Wanda Park Road to Cielo Drive; and in a 30-foot right of way westerly of Benedict Canyon Drive from Cielo Drive to the westerly boundary of the city of Beverly Hills.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

**In Part of SW 1/4 of Section 11, T. 1S. R.15 W. SBBM and in part of
NW 1/4 fractional Section 14, T. 1S, R. 15W. LS. 422**

A strip of land 30 feet wide westerly of Benedict Canyon Drive extending southerly from Cielo Drive, a private street, 2250 feet, more or less, to the westerly boundary of the city of Beverly Hills.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 10-B, Sheet 1.

The estimated cost of this project is \$1,382,000.

PROJECT NO. 46

Lincoln Boulevard - Indiana Avenue Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Marco Place from Beethoven Avenue to Walgrove Avenue; in Walgrove Avenue to Ocean Park Avenue; the construction of a reinforced concrete box in Walgrove Avenue from Ocean Park Avenue to Rose Avenue; in Rose Avenue to a 20-foot easement; in a 20-foot wide easement to Sunset Avenue; in Sunset Avenue to Rose Avenue; in Rose Avenue to Ocean Front Walk; in a 60-foot easement in Public Beach Land from Ocean Front Walk to a point approximately 300 feet westerly; the construction of a reinforced concrete outlet structure from the last mentioned point approximately 160 feet westerly.
- B. The construction of a reinforced concrete pipe in Ocean Park Avenue from Rosewood Avenue to drain "A" in Walgrove Avenue.
- C. The construction of a reinforced concrete pipe in Morningside Way from Maplewood Avenue to drain "A" in Walgrove Avenue.
- D. The construction of a reinforced concrete pipe in a 20-foot easement from the city boundary line to the easterly line of 7th Avenue; in the Alley adjacent to the city boundary line from the easterly line of 7th Avenue to Rennie Avenue; in Rennie Avenue to Rose Avenue.
- E. The construction of a reinforced concrete pipe in Sunset Avenue from the northerly boundary line of the city of Los Angeles to drain "A".

A general description of the lands, easements, rights of way and property proposed to be taken, acquired or injured in carrying out this work is as follows:

Tract No. 1763, Maps 21-94, Lots Nos. 1 and 2

A strip of land 20 feet wide, adjacent to the city boundary line common to the city of Santa Monica and the city of Los Angeles, between the produced easterly line of Longfellow Street and the easterly line of 7th Street.

Public Beach Land

A strip of land 60 feet wide between the produced lines of Rose Avenue from Ocean Front Walk westerly approximately 500 feet.

**City Land Under Control of Department of Recreation and Parks
Lot No. 4 M.R. 17-77/79 and Subdivision of the Allotment of the Heirs of Martina
M. De Cota in the Estate of Ramona S. De Machado, Rancho La Ballona, M.R. 55-4,
Fractional Lot No. 1**

A strip of land 20 feet wide extending from the westerly line of Glenavon Avenue at Rose Avenue to the southerly line of Sunset Avenue at Warren Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 11-B, Sheets 1 and 2.

The estimated cost of this project is \$2,606,900.

PROJECT NO. 51

Centinela Avenue Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in Centinela Avenue from a point approximately 161 feet northerly of McCune Avenue to Louise Avenue; the construction of a reinforced concrete box in Centinela Avenue from Louise Avenue to Ballona Creek Channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 16-B, Sheets 1 and 2.

The estimated cost of this project is \$875,200.

PROJECT NO. 52

Palms District Storm Drain System (Overland Avenue)

The plan contemplates the construction of a reinforced concrete pipe in an existing right of way along a westerly prolongation of Queensbury Drive, from Manning Avenue to Motor Avenue; in Motor Avenue from 450 feet southerly of Walavista Road to Regent Street; the construction of a reinforced concrete box in Motor Avenue from Regent Street to Venice Boulevard; in Venice Boulevard to Overland Avenue; in Overland Avenue to Ballona Creek.

No rights of way, or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 17-B, Sheet 1.

The estimated cost of this project is \$1,134,400.

PROJECT NO. 53

Jefferson Boulevard Storm Drain System

The plan contemplates:

- A. The construction of a reinforced concrete box in Jefferson Boulevard from Norton Avenue to Farmdale Avenue; in Farmdale Avenue to the southerly roadway of Ex-

position Boulevard; in a 20-foot easement approximately 30 feet westerly from Farmdale Avenue to a proposed drain.

- B. The construction of a reinforced concrete box in an existing 70-foot wide easement southerly of Adams Boulevard from Fairfax Avenue to a point approximately 160 feet westerly of Fairfax Avenue; the construction of a reinforced concrete channel in an existing 70-foot easement westerly from the last mentioned point in Ballona Creek Channel.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way

Tract No. 11066, Lot 2, Maps 214 — 29/30 (School Property)

A strip of land 20 feet wide adjacent to the southerly right of way line of the Southern Pacific Railroad Company right of way, beginning at the westerly line of Farmdale Avenue and extending westerly approximately 30 feet.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 18-B, Sheet 1.

The estimated cost of this project is \$990,800.

PROJECT NO. 54

Pico Boulevard and Fairfax Avenue Storm Drain

The plan contemplates the construction of a reinforced concrete box in Alvira Street from Pico Boulevard to Airdrome Street; in Airdrome Street to Crescent Heights Boulevard; in Crescent Heights Boulevard to Sawyer Street; in Sawyer Street to Fairfax Avenue; in Fairfax Avenue to the northerly line of the Pacific Railway right of way; in a 30-foot easement across the railroad right of way to the southerly roadway of Venice Boulevard; in Fairfax Avenue from the southerly roadway of Venice Boulevard to Ballona Creek.

A general description of lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Pacific Electric Railway Right of Way, Deeds 1528-190

A strip of land 30 feet wide extending southeasterly across the Pacific Electric Railway right of way between the northerly and the southerly roadways of Venice Boulevard within the produced lines of Fairfax Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 19-B, Sheet 1.

The estimated cost of this project is \$1,370,800.

PROJECT NO. 55
Nichols Canyon Road Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Laurel Canyon Boulevard from Fareholm Avenue to Selma Avenue; in Selma Avenue to Orange Grove Avenue; in Orange Grove Avenue to Sunset Boulevard; in Sunset Boulevard to Genesee Avenue; in Genesee Avenue to an existing drain in Clinton Street.
- B. The construction of a reinforced concrete pipe in Spaulding Avenue from Clinton Street to Oakwood Avenue; in Oakwood Avenue to Genesee Avenue; the construction of a reinforced concrete box in Oakwood Avenue from Genesee Avenue to Orange Grove Avenue; in Orange Grove Avenue to an existing drain in Beverly Boulevard.
- C. The construction of a reinforced concrete pipe in Sunset Boulevard from drain "E" in Courtney Avenue to drain "A" in Genesee Avenue.
- D. The construction of a reinforced concrete pipe in Orange Grove Avenue from drain "A" at Sunset Boulevard to an existing drain at De Longpre Avenue.
- E. The construction of a reinforced concrete pipe in Hollywood Boulevard from Nichols Canyon Road to Courtney Avenue; in Courtney Avenue to Sunset Boulevard; in Sunset Boulevard to Stanley Avenue; in Stanley Avenue to an existing drain approximately 200 feet southerly of Sunset Boulevard.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 20-B, Sheets 1 and 2.

The estimated cost of this project is \$1,220,800.

PROJECT NO. 56
Holly Drive Storm Drain (Portion)

The plan contemplates the construction of a reinforced concrete pipe in Holly Drive from Primrose Avenue to an existing drain 700 feet, more or less, north of Dix Street; in Yucca Street from an existing pipe to Ivar Avenue; in Ivar Avenue from Yucca Street to an existing drain at Hollywood Boulevard.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 21-B, Sheet 1.

The estimated cost of this project is \$137,700.



Photo by Fairchild Aerial Surveys, Inc.

Paramount Area looking south across Rosecrans Blvd.

Hollydale "A", Project No. 19, will intercept runoff
from the north which now reaches this area.

PROJECT NO. 57

Arroyo De La Sacatela Storm Drain System

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Kenmore Avenue from approximately 120 feet north of Santa Monica Boulevard to the Hollywood Freeway; the construction of a reinforced concrete arch in Kenmore Avenue from the northerly line to the southerly line of the Hollywood Freeway. The construction of a reinforced concrete pipe in Kenmore Avenue from the southerly line of the Hollywood Freeway to Beverly Boulevard; in Beverly Boulevard easterly to Kenmore Avenue south of Beverly Boulevard; the construction of a reinforced concrete arch in Kenmore Avenue from Beverly Boulevard to a point approximately 825 feet south of Beverly Boulevard; the construction of a reinforced concrete pipe in Kenmore Avenue from the last mentioned point to drain "C" at 4th Street.
- B. The construction of a reinforced concrete pipe in Lyric Avenue from Griffith Park Boulevard to Hyperion Avenue; in Hyperion Avenue to Fountain Avenue; in Fountain Avenue to Myra Avenue; in Myra Avenue to Hoover Street; in Hoover Street to Lockwood Avenue; in Lockwood Avenue to Madison Avenue; in Madison Avenue to an existing drain at the northerly line of the Hollywood Freeway; in Madison Avenue from an existing drain at the southerly line of the Hollywood Freeway to Council Street and the alley westerly of Westmoreland Avenue; in the alley westerly of Westmoreland Avenue to an existing 20-foot easement; in the existing 20-foot easement to 1st Street; in 1st Street to Madison Avenue; in Madison Avenue to a point approximately 200 feet south of 1st Street; the construction of a reinforced concrete arch in Madison Avenue from the last mentioned point to a 20-foot easement approximately 645 feet south of 1st Street; in the 20-foot easement to 3rd Street; in 3rd Street to New Hampshire Avenue; in New Hampshire Avenue to a point approximately 250 feet south of 3rd Street; the construction of a reinforced concrete pipe in New Hampshire Avenue from the last mentioned point to 4th Street; in 4th Street to drain "C" in Kenmore Avenue.
- C. The construction of a reinforced concrete pipe in Kenmore Avenue from 4th Street to 5th Street; the construction of a reinforced concrete box in 5th Street from Kenmore Avenue to Mariposa Avenue; in Mariposa Avenue to Wilshire Boulevard; in Wilshire Boulevard to Irolo Street; in Irolo Street to 9th Street; in 9th Street to Ardmore Avenue; in Ardmore Avenue to San Marino Street; in San Marino Street to Hobart Boulevard; in Hobart Boulevard to 11th Street; in 11th Street to Oxford Avenue; in Oxford Avenue to Harrington Avenue; in Harrington Avenue to Western Avenue; in Western Avenue to Country Club Drive; in Country Club Drive to Bronson Avenue; then northerly in Bronson Avenue to Country Club Drive; in Country Club Drive to Plymouth Boulevard; in Plymouth Boulevard to 11th Street; in 11th Street to Lucerne Boulevard; in Lucerne Boulevard to 12th Street; in 12th Street to a 20-foot easement approximately 96 feet west of Lucerne Boulevard; in a 20-foot easement to the intersection of Queen Anne Place and 12th Street; in 12th Street to Mullen Avenue; in Mullen Avenue to Pico Boulevard; in Pico Boulevard to Highland Avenue; in Highland Avenue to the northerly roadway of Venice Boulevard; in the northerly roadway of Venice Boulevard to Cochran Avenue and a 20-foot easement; in a 20-foot easement across the Pacific Electric Railway right of way to the intersection of the Southerly roadway of Venice Boulevard with Cochran Avenue; in Cochran Avenue to the Ballona Creek at Cologne Street.

- D. The construction of a reinforced concrete pipe in Bronson Avenue from Carlton Way to Lexington Avenue; the construction of a reinforced concrete box in Lexington Avenue from Bronson Avenue to Van Ness Avenue; in Van Ness Avenue to a point approximately 950 feet south of Lexington Avenue; the construction of a reinforced concrete pipe in Van Ness Avenue from the last mentioned point to Clinton Street; in Clinton Street to Norton Avenue; in Norton Avenue to Elmwood Avenue; the construction of a reinforced concrete box in Norton Avenue from Elmwood Avenue to Beverly Boulevard. The construction of a reinforced concrete pipe in Beverly Boulevard from Norton Avenue to Irving Boulevard; the construction of a reinforced concrete box in Irving Boulevard from Beverly Boulevard to 5th Street; in 5th Street to Lorraine Boulevard; in Lorraine Boulevard to Wilshire Boulevard; in Wilshire Boulevard to Windsor Boulevard; in Windsor Boulevard to Francis Avenue; in Francis Avenue to Windsor Boulevard south of Francis Avenue; in Windsor Boulevard to 10th Street; the construction of a reinforced concrete pipe in Windsor Boulevard to drain "C" in Country Club Drive.
- E. The construction of a reinforced concrete pipe in Lexington Avenue from Western Avenue to drain "D" at Van Ness Avenue.
- F. The construction of a reinforced concrete pipe in Pico Boulevard from Van Ness Avenue to Bronson Avenue; in Bronson Avenue to drain "C" at Country Club Drive.
- G. The construction of a reinforced concrete pipe in Manhattan Place from 1st Street to 2nd Street; in 2nd Street to Gramercy Place; in Gramercy Place to 3rd Street; in 3rd Street to Wilton Place; in Wilton Place to an existing drain in 5th Street.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"B" Right of Way

Los Angeles Railway Company Right of Way, D.M. 1908-225

Part of N. W. 1/4 Sec. 19 — T. 1S, — R. 13 W. — S.B.B.M.

A strip of land 20 feet wide extending southerly from the terminus of Madison Avenue southerly of 1st Street to the northerly line of 3rd Street within the produced lines of Madison Avenue.

"C" Right of Way

Pacific Electric Railway Company Right of Way

A strip of land 20 feet wide extending southerly across the Pacific Electric Railway Company Right of Way between the northerly and the southerly roadways of Venice Boulevard within the produced lines of Cochran Avenue.

Subdivision of the Brookdale Tract, M.R. 31-10 (School Property)

A strip of land 20 feet wide across lot 29 of said tract from Queen Anne Place to the easterly line of lot 29 within the produced lines of 12th Street.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 22-B, Sheets 1 to 6, inclusive.

The estimated cost of this project is \$8,833,100.

PROJECT NO. 58

South Central Business District Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Pico Boulevard, from Los Angeles Street to San Pedro Street;
- B. The construction of a reinforced concrete box in Wall Street, from Olympic Boulevard to drain "A" in Pico Boulevard; the construction of a reinforced concrete box in Pico Boulevard to San Pedro Street; in San Pedro Street to Clanton Street; in Clanton Street to Paloma Street; in Paloma Street to 16th Street; in 16th Street to Naomi Avenue; in Naomi Avenue to 20th Street; in 20th Street to Long Beach Avenue East; in Long Beach Avenue East to 21st Street; in 21st Street to Alameda Street; in Alameda Street to 25th Street; in 25th Street to Santa Fe Avenue; in Santa Fe Avenue to 25th Street; in 25th Street to its terminus easterly of Harriett Street; in a 20-foot easement along an easterly prolongation of 25th Street to the Los Angeles River Channel.
- C. The construction of a reinforced concrete pipe in Santa Fe Avenue, from 15th Street to drain "A" in 25th Street.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Part of San Antonio Rancho, Patents 1-389

A strip of land 20 feet wide extending westerly from the westerly right of way line of the Los Angeles River Channel, approximately 250 feet, to the easterly terminus of 25th Street.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 23-B, Sheets 1 and 2.

The estimated cost of this project is \$2,686,200.

PROJECT NO. 59

Central Business District Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete arch in a 26-foot easement lying north-easterly of Fourth Street from the Los Angeles River to Traction Avenue at Merrick Street; the construction of a reinforced concrete box or arch in Traction Avenue from Merrick Street to Alameda Street and Second Street; in Second Street to San Pedro Street; the construction of a reinforced concrete arch in Second Street from San Pedro Street to Fremont Avenue; the construction of a reinforced concrete pipe or box, or arch in Second Street from Fremont Avenue to Glendale Boulevard; in Glendale Boulevard to Kent Street; thence under permit for construction in Echo Park to and including a weir in Echo Park Lake.
- B. The construction of a reinforced concrete box under permit for construction in Echo Park from weir in "A" above to Glendale Boulevard at Park Avenue; the con-

struction of a reinforced concrete box or arch in Glendale Boulevard from Park Avenue to a point approximately 980 feet northerly thereof; the construction of a reinforced concrete pipe or arch in Glendale Boulevard from said last mentioned point to a point approximately 350 feet northerly of Montana Street.

- C. The construction of a reinforced concrete box under permit for construction in Echo Park from drain "B" above and Glendale Boulevard at Montrose Street.
- D. The construction of a reinforced concrete box under permit for construction in Echo Park from weir in "A" above, to an existing drain and weir in the northeasterly corner of Echo Park.
- E. The construction of a reinforced concrete pipe under permit for construction in Echo Park drain "D" to Park Avenue at Logan Street.
- F. The construction of a reinforced concrete pipe in Lake Shore Avenue from drain "B" to Montana Street; in Montana Street to a point approximately 200 feet easterly thereof.
- G. The construction of a reinforced concrete pipe or arch in Glendale Boulevard from drain "B" in Montana Street to a point approximately 350 feet northerly thereof.
- H. The construction of a reinforced concrete pipe in Fremont Avenue from drain "A" in Second Street to a point approximately 300 feet northeasterly thereof; the construction of a reinforced concrete box in Fremont Avenue from the last mentioned point to Temple Street.
- I. The construction of a reinforced concrete arch in Flower Street from drain "A" in Second Street to Fourth Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 24-B, Sheets 1 to 3, inclusive.

The estimated cost of this project is \$5,868,200.

PROJECT NO. 60

Tropico District Storm Drain System

The plan contemplates:

- A. The construction of a reinforced concrete box or horseshoe arch in a 20-foot right of way, from the Glendale city boundary to Dover Street at Seneca Avenue; in Dover Street to a 20-foot easement south of Legion Lane; in a 20-foot easement to the Los Angeles River.
- B. The construction of a reinforced concrete pipe and horseshoe arch in Glendale Boulevard, east from the Los Angeles River to the easterly prolongation of Valleybrink Road; in a 15-foot easement under the Pacific Electric Railway right of way from Glendale Boulevard east to Glendale Boulevard west; in Valleybrink Road to Glenmanor Place; in Glenmanor Place to Glenfeliz Boulevard; in Glenfeliz Boulevard to Ingledale Terrace north.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way

Southern Pacific Railroad Right of Way

A strip of land 20 feet wide beginning at a point in the westerly line of the Southern Pacific Railroad right of way approximately 5 feet northwesterly from the southeasterly corner of lot No. 40, Tract No. 2004, Maps 22-170-171, then northeasterly approximately 150 feet to a point in the boundary line of the cities of Los Angeles and Glendale, said point being approximately 730 feet, along the boundary line, from the southeasterly line of Los Feliz Boulevard.

Tract No. 2004, Maps 22-170-171, Block A, Lots 39, 40

A strip of land 20 feet wide beginning at a point in the easterly line of Seneca Avenue approximately 13 feet southeasterly from the northwesterly corner of lot 39, then northeasterly approximately 110 feet to a point in the easterly line of lot 40 approximately 5 feet northwesterly along the easterly line of lot 40.

A strip of land 20 feet wide beginning at a point in the southerly line of Dover Street approximately 55 feet easterly of the easterly right of way line of the Los Angeles River Channel, then southwesterly, over lot 29, Tract No. 14518, Maps 365-41-42, along a curve with a radius of 90 feet approximately 47 feet to end of curve, then along tangent to the above curve approximately 15 feet to a point in the easterly right of way line of the Los Angeles River Channel, approximately 58 feet southeasterly from the southerly line of Dover Street.

"B" Right of Way

Pacific Electric Railway Right of Way

A strip of land 15 feet wide beginning at a point in the easterly line of Glendale Boulevard west approximately on the center line of Valleybrink Road, produced, then along the above center line, produced, a distance of approximately 37 feet to the westerly line of Glendale Boulevard east.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plans, profiles, and sections—Plate 25-B, Sheet 1.

The estimated cost of this project is \$951,700.

PROJECT NO. 61

Figueroa Street and Garvanza Storm Drain System

The plan contemplates the construction of a reinforced concrete pipe in Figueroa Street from an existing drain at Avenue 62 to Hillandale Drive.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 26-B, Sheet 1.

The estimated cost of this project is \$255,800.

PROJECT NO. 62

North Main Street and Mission Road Relief Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete box in Lincoln Park, from a point 100 feet southeasterly of Mission Road at Thomas Street to Mission Road, in Thomas Street to Darwin Avenue; in Darwin Avenue to Avenue 17; in Avenue 17 to a 30-foot easement between Avenue 17 and North Main Street; in a 30-foot easement to North Main Street; in North Main Street to Gibbons Street; in a 30-foot easement from Gibbons Street to an existing outlet structure into the Los Angeles River.
- B. The construction of a reinforced concrete pipe in Soto Street from Medford Street to Valley Boulevard; in Valley Boulevard 500 feet, more or less, to an easement in Lincoln Park; in the Park easement a distance of 1650 feet, more or less, to a reinforced concrete structure in Lincoln Park Lake, thence northwesterly in a Park easement to Line A; thence in a Park easement to an existing drain at Eastlake Avenue in Mission Road.
- C. The construction of a reinforced concrete box in an easement in Lincoln Park from Line A to Selig Place; the construction of a reinforced concrete channel in a 30-foot easement from Selig Place northeasterly 3250 feet, more or less, to an existing drain easterly of the intersection of Mission Road and Superior Court; the construction of a reinforced concrete pipe in a 20-foot easement, 120 feet, more or less, to Mission Road; in Mission Road to 100 feet, more or less, north of Superior Court.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way.

Douillard Tract, Block 2, M.R. 36-50

A strip of land 30 feet wide running southwesterly from the end of Darwin Avenue at Avenue 17 through lots 11, 9, 7, 8, 6, and 4 to North Main Street.

Khurts Bridge Tract, Block 1, M.R. 25-93

A strip of land 30 feet wide running southwesterly from North Main Street west of Gibbons Street through lots 3, 2, and 1 to the official bed of the Los Angeles River. (Lot 1 and the major portion of lot 2 are in the Union Pacific right of way, Map No. 2211.)

"A", "B", and "C" Rights of Way

Lincoln Park, M.R. 2-523 — (Recreation and Park Dept. Property)

Permission to construct storm drains in Lincoln Park must be secured from the Board of Park Commissioners, City of Los Angeles.

"C" Right of Way

City Lands of Los Angeles, M.R. 2-504/505

A strip of land 30 feet wide running northeasterly from Selig Place to the Zoo Tract.

Zoo Tract, Lot "A", Maps 30-94

A strip of land 30 feet wide running northeasterly through the Zoo Tract 1480 feet, more or less.

City Lands of Los Angeles, M.R. 2-504/505

A strip of land 30 feet wide running northeasterly from Zoo Tract 1715 feet, more or less, thence a strip of land 20 feet wide running westerly to the southeasterly line of Tract No. 8892, Maps 117-90.

Tract No. 8892, Lot "A", Maps 117-90

A strip of land 20 feet wide running westerly to Mission Road at Superior Court.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 27-B, Sheets 1 and 2.

The estimated cost of this project is \$1,780,200.

PROJECT NO. 64

Eastern Avenue Storm Drain

The plan contemplates the construction of a reinforced concrete channel in an existing 15-foot easement from the end of an existing storm drain at a point 120 feet easterly of McPherson Place and 120 feet northerly of Norelle Street, southerly a distance of 2975 feet, more or less, to a point 100 feet westerly and 120 feet northerly of the intersection of Cyril Avenue and Catalpa Street; the construction of a reinforced concrete pipe in a 10-foot easement from above channel southerly a distance of 560 feet, more or less, to an existing drain in Valley Boulevard, excepting the portions in dedicated streets.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired or injured in carrying out this work as follows:

Tract No. 6837

A strip of land 10 feet wide in the easterly portion of lot 59, from the northerly tract line southerly a distance of 120 feet to the northerly line of Cyril Avenue.

A strip of land 10 feet wide in lot 239 from the southerly line of Cyril Avenue southeasterly a distance of 100 feet, more or less to the northerly line of Catalpa Street.

A strip of land 10 feet wide from the easterly corner of lot 278, southeasterly across lots 277 and 276, a distance of 300 feet, more or less, to the southerly corner of lot 275.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 29-B, Sheets 1 and 2.

The estimated cost of this project is \$242,000.

PROJECT NO. 65
Dorchester Avenue Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete channel in a 70-foot easement westerly of and approximately parallel to Charnwood Avenue from a point approximately 250 feet southerly from Gravois Avenue to Valley Boulevard; in 117-foot, 107-foot, and 137-foot easements westerly of and approximately parallel to the Los Angeles-Alhambra city boundary line to the Southern Pacific Railroad right of way; including reinforced concrete boxes across all intersecting streets; the construction of a reinforced concrete arch in a 45-foot easement across the Southern Pacific Railroad right of way; the construction of a reinforced concrete channel in Lowell Avenue to Alhambra Avenue; the construction of a reinforced concrete box in Alhambra Avenue from Lowell Avenue to Dorchester Avenue; in Dorchester Avenue to approximately 200 feet north of Alhambra Avenue; the construction of a reinforced concrete channel, or reinforced concrete box in 92-foot, 80-foot, 60-foot, and 41-foot easements west of Dorchester and Stockbridge Avenues to approximately 150 feet from box in Dorchester Avenue to Navarro Street; including reinforced concrete boxes across intersecting streets, if open channel construction is selected; the construction of a reinforced concrete pipe in Navarro Street to Stockbridge Avenue; in Stockbridge Avenue to the first alley northeasterly of Poplar Boulevard; in alley to an existing easement northwesterly of Stockbridge Avenue; in this easement to a point approximately 60 feet northerly.
- B. The construction of a reinforced concrete box northeasterly across Alhambra Avenue; the construction of a reinforced concrete channel or a reinforced concrete box in a 52-foot easement southeasterly of and approximately parallel to Concord Avenue from Alhambra Avenue to the Los Angeles-Alhambra city boundary line, approximately 110 feet southerly of Midvale Place.
- C. The construction of a reinforced concrete channel or a reinforced concrete box in a 67-foot easement approximately parallel to and northeasterly of Farnsworth Avenue from drain "A" to Lifur Avenue; in 83-foot, 20-foot, and 90-foot easements from Lifur Avenue to Huntington Drive north; in 76-foot, 46-foot, and 30-foot easements parallel to Guardia Avenue, from Huntington Drive north to a point northwest of the intersection of Guardia Avenue and Newtonia Drive; including reinforced concrete boxes across intersecting streets, and between and across Huntington Drive south and Huntington Drive north, if open channel construction is used.

A general description of the lands, easements, and rights of way, and property to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way

A strip of land 70 feet wide, lying approximately parallel to Charnwood Avenue, beginning at a point approximately 570 feet westerly of the produced west property line of Charnwood Avenue, and extending northerly approximately 250 feet to the southerly property line of Gravois Avenue.

A strip of land 117 feet wide, beginning at a point in the northerly property line of Gravois Avenue, approximately 550 feet westerly of the west property line of Charnwood Avenue and extending northerly to the south property line of Bohlig Road, approximately 210 feet westerly of the west property line of Charnwood Avenue.

A strip of land 107 feet wide, beginning at a point in the north property line of Bohlig Road, approximately 230 feet westerly of the west property line of Charnwood avenue, and extending northerly to the south property line of Valley Boulevard, approximately 220 feet westerly of the west property line of Charnwood Avenue; excluding existing 40 and 30-foot easements lying within above 107-foot strip.

A strip of land 137 feet wide, beginning at a point in the north property line of Valley Boulevard, approximately 200 feet westerly from the west property line of Charnwood Avenue produced, and extending northerly to the southerly line of the Southern Pacific Railroad right of way, approximately 50 feet westerly of the center line of Lowell Avenue produced; excluding an existing 20-foot easement lying within above 137-foot strip.

A strip of land 45 feet wide, beginning at a point in the southerly line of the Southern Pacific Railroad Company right of way, approximately 50 feet westerly of the center line of Lowell Avenue produced, and extending northerly approximately 100 feet to a point in the northerly line of the Southern Pacific Railroad right of way, approximately on the center line of Lowell Avenue.

A strip of land 92 feet wide, beginning at a point in the west property line of Dorchester Avenue, approximately 200 feet northerly of the north property line of Alhambra Avenue and extending northwesterly to the southerly property line of Allan Street, approximately 370 feet westerly of the west property line of Dorchester Avenue; excluding an existing 12-foot easement lying within above 92-foot strip.

A strip of land 92 feet wide, beginning at a point in the north property line of Allan Street, approximately 390 feet westerly of the west property line of Dorchester Avenue, and extending northerly to the south property line of Edna Street, approximately 80 feet westerly of the west property line of Dorchester Avenue; excluding existing 12-foot easement lying within the above 92-foot strip.

A strip of land 80 feet wide, beginning at a point in the north property line of Edna Street, approximately 80 feet westerly of the west property line of Dorchester Avenue, and extending northerly to the south property line of Templeton Street, approximately 120 feet westerly of the west property line of Dorchester Avenue; excluding an existing 12-foot easement lying within the above 80-foot strip.

A strip of land 60 feet wide, beginning at a point in the north property line of Templeton Street, approximately 120 feet westerly of the west property line of Dorchester Avenue produced, and extending northeasterly to the south property line of Somerset Street, approximately 280 feet westerly of the west property line of Stockbridge Avenue; excluding an existing 12-foot easement lying within the above 60-foot strip.

A strip of land 41 feet wide, beginning at a point in the north line of Somerset Street, approximately 280 feet westerly of the west property line of Stockbridge Avenue, and extending northerly to the south property line of Navarro Street, approximately 250 feet westerly of the west property line of Stockbridge Avenue; excluding an existing 12-foot easement lying within the above 41-foot strip.

"B" Right of Way

A strip of land 52 feet wide, beginning at a point in the north property line of Alhambra Avenue, approximately 75 feet easterly of the east property line of Lowell Avenue produced, and extending northeasterly to the Los Angeles-Alhambra city boundary line, approximately 110 feet south of the south property line of Midvale Place

(Alhambra); excluding an existing 17.7-foot easement lying within the above 52-foot strip.

"C" Right of Way

A strip of land 67 feet wide, beginning at a point approximately 150 feet southerly of the south property line of Templeton Street, in the west line of an 80-foot easement described in "A" Rights of Way, and extending northwesterly to the southeasterly property line of Lifur Avenue, approximately 60 feet southwesterly from the southeasterly corner of Lifur Avenue and Navarro Street; excluding an existing 12-foot easement lying within above 67-foot strip.

A strip of land 83 feet wide, beginning at a point on the northwesterly property line of Lifur Avenue, approximately 60 feet southwesterly from the south line of Navarro Street produced, and extending northwesterly to the south property line of Oakland Street, approximately 450 feet westerly of the west property line of Lifur Avenue.

A strip of land 90 feet wide, beginning at a point in the north property line of Oakland Street, approximately 500 feet Westerly of the west property line of Lifur Avenue, and extending northwesterly to the south property line of Huntington Drive south, approximately 650 feet westerly of the west property line of Lifur Avenue.

A strip of land 20 feet wide, beginning at a point in the north property line of Huntington Drive south, approximately 750 feet westerly of the west property line of Lifur Avenue produced, and extending northwesterly across the Pacific Electric Railway right of way, to the south property line of Huntington Drive north, approximately 45 feet easterly of the easterly property line of Guardia Avenue produced.

A strip of land 76 feet wide, beginning at a point in the north property line of Huntington Drive north, approximately 35 feet easterly of the east property line of Guardia Avenue, and extending northerly to the south property line of Wadena Street, approximately 270 feet easterly of the east property line of Guardia Avenue; excluding an existing 10-foot easement lying within above 76-foot strip.

A strip of land 46 feet wide, beginning at a point in the north property line of Wadena Street, approximately 240 feet easterly of the east property line of Guardia Avenue, and extending northeasterly to the east property line of Guardia Avenue, approximately 200 feet north of the north property line of Henderson Street produced.

A strip of land 30 feet wide, beginning at a point in the west property line of Guardia Avenue, approximately 300 feet northerly of the north property line of Henderson Street and extending northwesterly to the south property line of Lathrop Street produced, approximately 170 feet east of the east property line of Garden Homes Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 30-B, Sheets 1 and 2.

The estimated cost of this project is \$1,826,900.

PROJECT NO. 66

City Terrace Drainage District Extension

The plan contemplates the construction of a reinforced concrete box in an existing 15-foot easement from an existing drain 400 feet, more or less, east of Murchison

Street to Murchison and Chelsea Streets; in Chelsea Street to a 15-foot easement; in a 15-foot easement existing and proposed, approximately parallel to the Pacific Electric Railway Company right of way, to an existing drain 400 feet, more or less, westerly of Soto Street.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

De Soto Heights, M.R. 31-71 and 72

A strip of land 15 feet wide in each of lots 1, 2, 5, and 6 of Block 10, running along the southerly line of said lots.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 31-B, Sheets 1 and 2.

The estimated cost of this project is \$276,200.

PROJECT NO. 67

Hollenbeck Heights Drainage System

The plan contemplates:

- A. The construction of a reinforced concrete pipe in 1st Street from Rivera Street to Evergreen Avenue; in Evergreen Avenue to a point approximately 130 feet southerly of 3rd Street; the construction of a reinforced concrete arch in Evergreen Avenue from the last mentioned point to 4th Street; in 4th Street to a point approximately 210 feet westerly of Evergreen Avenue; the construction of a reinforced concrete pipe in 4th Street from the last mentioned point to Savannah Street; in Savannah Street to the 1st alley southerly of 4th Street; in the 1st alley southerly of 4th Street to Camulos Street; in Camulos Street to the southerly line of Lan Franco Street; in a 10-foot wide easement from Lan Franco Street to 6th Street at Orme Avenue; in 6th Street from Orme Avenue to Mott Street; in Mott Street to Guirado Street; in Guirado Street to Fickett Street; in Fickett Street to a point approximately 400 feet southerly of Guirado Street; the construction of a reinforced concrete arch in Fickett Street from the last mentioned point to Whittier Boulevard; in Whittier Boulevard to Mathews Street; in Mathews Street to a point approximately 540 feet southerly of Whittier Boulevard; the construction of a reinforced concrete pipe in Mathews Street from the last mentioned point to 7th Street; in 7th Street to a point approximately 100 feet westerly of Mathews Street; the construction of a reinforced arch in 7th Street from the last mentioned point to a 20-foot easement at a point in the southerly line of 7th Street approximately 240 feet westerly of Boyle Avenue; in a 20-foot easement across the Santa Ana Freeway from the last mentioned point to a point in the southerly line of 7th Street approximately 750 feet westerly of Boyle Avenue; the construction of a reinforced concrete pipe in 7th Street from the last mentioned point to Rio Street; the construction of a reinforced concrete box in 7th Street from Rio Street to a 20-foot easement at a point in the southerly line of 7th Street approximately 240 feet easterly of the Los Angeles River; in a 20-foot easement from the last mentioned point to the Los Angeles River.
- B. The construction of a reinforced concrete pipe in Forest Avenue from Cincinnati Street to Brooklyn Avenue; in Brooklyn Avenue to Saratoga Street; in Saratoga

Street to Michigan Avenue; in Michigan Avenue to Mott Street; in Mott Street to Pennsylvania Avenue; in Pennsylvania Avenue to Mathews Street; in Mathews Street to 1st Street; in 1st Street to Chicago Street; in Chicago Street to 3rd Street; in 3rd Street to St. Louis Street; in St. Louis Street to 4th Street; in 4th Street to Cummings Street; in Cummings Street to a point approximately 130 feet southerly of 4th Street; the construction of a reinforced concrete arch in Cummings Street from the last mentioned point to a 20-foot easement in the southerly line of 6th Street; in the 20-foot easement across Hollenbeck Park to the northeasterly line of Boyle Avenue, in Boyle Avenue a distance of approximately 180 feet; the construction of a reinforced concrete pipe in Boyle Avenue from the last mentioned point to a 20-foot easement approximately 225 feet northerly from Inez Street; in the 20-foot easement to the easterly right of way line of the Santa Ana Freeway; the construction of a reinforced concrete arch across the Santa Ana Freeway in a 20-foot easement to a point approximately 20 feet easterly of Clarence Street; the construction of a reinforced concrete pipe in a 20-foot easement from the last mentioned point to Clarence Street; the construction of a reinforced concrete box in Clarence Street from the easement to Jesse Street; in Jesse Street to its terminus westerly of Anderson Street; in a 20-foot easement westerly along Private Street approximately 190 feet to Rio Street; in Rio Street to drain "A" in 7th Street.

- C. The construction of a reinforced concrete pipe in 4th Street from Pecan Street to the westerly line of Mission Road produced; in a 20-foot easement from the westerly line of Mission Road produced to the Los Angeles River.
- D. The construction of a reinforced concrete pipe in 1st Street from Boyle Avenue to Pecan Street; in Pecan Street to 3rd Street; in 3rd Street to Mission Road; in a 20-foot easement from Mission Road to the Los Angeles River.
- E. The construction of a reinforced concrete pipe in Kearney Street from a point approximately 920 feet easterly of Mission Road to Mission Road; in Mission Road from Kearney Street east to Kearney Street West; in Kearney Street West to Myers Street; in a 20-foot easement from Myers Street to the Los Angeles River.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Rights of Way

Tract No. 2495, Maps 36-20/21, Fractional Lot 1 and Fractional Lot 2

A strip of land 20 feet wide, the northerly line of which begins at a point on the easterly right of way line of the Los Angeles River Channel approximately 70 feet southerly of 7th Street and extends easterly and parallel with an existing 14-foot wide storm drain easement to 7th Street.

Replat of Lots Nos. 7, 8 and 9—Davis Subdivision of Lot No. 1, Block 58, Hancock Survey, M.R. 37-1, Lots 1, 2 and 3 and Hancock Survey, Block 58, M.R. 1-463/464, Part of Lot 2

A strip of land 20 feet wide across the Santa Ana Freeway and southerly of 7th Street from a point approximately 220 feet westerly of Boyle Avenue to a point approximately 100 feet westerly of the On Ramp to the Santa Ana Freeway at 7th Street.

**Blake's Subdivision, Maps 2-52, Lot No. 12 and
Tract No. 2116, Maps 21-180, Lots Nos. 9 and 10**

A strip of land 10 feet wide northerly from and adjacent to an existing storm drain easement on said lots 9, 10, and 12 and extending southwesterly from the southerly line of Lan Franco Street at Camulos Street to the northerly line of 6th Street at Orme Avenue.

"B" Rights of Way

**Hollenbeck Place, Block 5, Maps 13-37, Fractional Lot A and
Strong and Dickinson's Salt Lake Railroad Tract, Block C,
Maps 7-104, Lots Nos. 29, 30, 31, 32, and 33**

A strip of land 20 feet wide across the Santa Ana Freeway extending northeasterly of Clarence Street approximately 920 feet to the westerly line of Boyle Avenue.

Hollenbeck Park, Deeds 767-181

A strip of land 20 feet wide extending southwesterly from the southerly line of 6th Street at Cummings Street across Hollenbeck Park approximately 210 feet to Boyle Avenue.

Tract No. 207, Maps 13-168, Part of Lot 4

A strip of land 20 feet wide extending easterly from the northerly prolongation of the westerly line of Rio Street to Jesse Street.

"C" Right of Way

Tract No. 207, Maps 13-168, Lot 4 and Part of Lot 2

A strip of land 20 feet wide, the southerly line of which begins at the point of intersection of the southerly line of 4th Street with the produced easterly line of Mission Road and extends southwesterly approximately 430 feet across the Union Pacific Railroad right of way to the easterly right of way line of the Los Angeles River.

"D" Right of Way

Tract No. 5301, Maps 122-53/55, Lot 57 and Fractional Lot J

A strip of land 20 feet wide beginning at the westerly line of Mission Road and extending westerly across lot 57 and the Union Pacific Railroad right of way approximately 340 feet to the easterly right of way line of the Los Angeles River. The northerly line of said strip of land begins at the point of intersection of the westerly line of Mission Road and the westerly prolongation of the northerly line of 3rd Street.

"E" Right of Way

Tract No. 2767, Maps 31-42, Lot No. 1

A strip of land 20 feet wide beginning at the westerly line of Myers Street and extending westerly across the Union Pacific Railroad right of way approximately 93 feet to the easterly right of way line of the Los Angeles River.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 32-B, Sheets 1 and 2.

The estimated cost of this project is \$2,971,700.

PROJECT NO. 70

Slauson Avenue Storm Drain System Section No. 6

The plan contemplates the construction of a reinforced concrete box in Sixth Avenue from Slauson Avenue to 52nd Street; in 52nd Street to Seventh Avenue; in Seventh Avenue to 46th Street; in 46th Street to Eighth Avenue; in Eighth Avenue to Garthwaite Avenue; in Garthwaite Avenue to Stocker Place; in Stocker Place to Ninth Avenue; in Ninth Avenue to Santa Barbara Avenue; and in Santa Barbara Avenue to an existing drain in Crenshaw Boulevard.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 35-B, Sheets 1 and 2.

The estimated cost of this project is \$3,055,000.

PROJECT NO. 71

Slauson Avenue Storm Drain System Section No. 3

The plan contemplates the construction of reinforced concrete pipe in 60th Place from Vermont Avenue to Denker Avenue; the construction of a reinforced concrete box in 60th Place from Denker Avenue to Western Avenue; in Western Avenue to 57th Street; in 57th Street to Manhattan Place; in Manhattan Place to 52nd Street; and in 52nd Street to a proposed drain in 6th Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 36-B, Sheets 1 to 3, inclusive.

The estimated cost of this project is \$1,440,400.

PROJECT NO. 73

Central Avenue and 114th Street Storm Drain District

The plan contemplates:

- A. The construction of a reinforced concrete box in 84th Place from Figueroa Street to Main Street; in Main Street to 84th Place; in 84th Place to San Pedro Street; in San Pedro Street to 88th Place; in 88th Place to Avalon Boulevard, and in Avalon Boulevard to Compton Creek at 108th Street.
- B. The construction of a reinforced concrete pipe in San Pedro Street from 117th Street to 116th Street; in 116th Street to Stanford Avenue; in Stanford Avenue to 119th Street; in 119th Street to Belhaven Street; in Belhaven Street to 120th Street and in 120th Street to Compton Creek.
- C. The construction of a reinforced concrete pipe in Avalon Boulevard from 61st Street to Gage Avenue; the construction of a reinforced concrete box in Avalon Boulevard from Gage Avenue to 73rd Street; in 73rd Street to Stanford Avenue; in

Stanford Avenue to 83rd Street; in 83rd Street to McKinley Avenue; in McKinley Avenue to 85th Street; in 85th Street to Wadsworth Avenue; in Wadsworth Avenue to 87th Street; in 87th Street to Central Avenue; in Central Avenue to 108th Street; in 108th Street to the first alley westerly of Central Avenue; in said alley and a 20-foot easement westerly of and adjacent to said alley to Compton Creek.

- D. The construction of a reinforced concrete pipe in Wadsworth Avenue from 97th Street to Century Boulevard; in Century Boulevard to drain "C" in Central Avenue.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired or injured in carrying out this work is as follows:

Tract No. 6478

The easterly 20 feet of Lot 40, Block 30.. The easterly 20 feet of Lot A.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles and sections—Plate 38-B, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$5,339,800.

PROJECT NO. 74

Redondo Beach Boulevard and Figueroa Street Storm Drain

The plan contemplates.

- A. The construction of a reinforced concrete pipe in a 30-foot easement from the north right of way line of the Pacific Electric Railway southerly 245 feet, more or less, to a line 730 feet, more or less, northerly of and parallel to Redondo Beach Boulevard, easterly on said line to a line adjacent and parallel to a Department of Water and Power right of way, southerly along said line to a line 279 feet southerly of and parallel to Gardena Boulevard; westerly on said line to 168th Street, then south-westerly to a line adjacent and parallel to Hoover Street; southerly along said line from the first alley south of 165th Street to 168th Street; excepting the portion in dedicated streets, in 168th Street from above easement to Menlo Avenue; in Menlo Avenue and 30-foot easements 1900 feet, more or less, to Dominguez Channel.
- B. The construction of a reinforced concrete pipe storm drain in a 20-foot easement along the south line of Redondo Beach Boulevard from Figueroa Street to Drain "A" approximately 600 feet west of Figueroa Street.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Pacific Electric Railroad Right of Way

A strip of land 30 feet wide beginning at the northerly line of the Pacific Electric Railroad right of way at its intersection with the southerly prolongation of the center line of Menlo Avenue, then southerly, perpendicular to said northerly line, a distance of 80 feet to the southerly line of the Pacific Electric Railroad right of way.

Gardena Tract, M.R. 52-73

A strip of land 30 feet wide beginning at the last mentioned point, continuing on the last mentioned perpendicular line produced, a distance of 165 feet, more or less, to

a line parallel with and approximately 731 feet northerly of the center line of Redondo Beach Boulevard, then easterly along said parallel line, a distance of 1110 feet, more or less, to the westerly line of the right of way of the Department of Water and Power of the City of Los Angeles.

Department of Water and Power of the City of Los Angeles Right of Way

A strip of land 30 feet wide lying easterly of and adjacent to the westerly line of the Department of Water and Power right of way from 746 feet, more or less, northerly of the center line of Redondo Beach Boulevard to 294 feet, more or less, southerly of the center line of Gardena Boulevard.

Cowles Tract, M.B. 12-66

A strip of land 30 feet in width lying 15 feet on each side of the following described center line:

Beginning at a point in the westerly line of the right of way of the Department of Water and Power 100 feet wide, a distance of 279 feet south of the center line of Gardena Boulevard; thence westerly parallel with the center line of said Gardena Boulevard, a distance of 284 feet, more or less, to the east line of Estrella Avenue; thence southwesterly 480 feet, more or less, in a direct line to the intersection of the easterly prolongation of the center line of the first alley south of 165th Place and a line parallel with and distant 15 feet easterly from the easterly line of Hoover Street; thence south a distance of 390 feet, more or less, and parallel with Hoover Street to 168th Street.

Part of San Pedro Rancho, M.R. 59-15-16

A strip of land 30 feet wide lying westerly of and adjacent to the southerly prolongation of the center line of Menlo Avenue from the south line of 168th Street to that portion of Menlo Avenue 646.20 feet southerly of 168th Street.

Tract 2775, M.B. 28-64

A strip of land 30 feet wide lying 15 feet on each side of the following described center line:

Beginning at a point in the west line of Menlo Avenue 1250 feet, more or less, southerly of the center line of 168th Street; thence southwesterly along a line whose bearing is approximately south 45° west, a distance of 800 feet, more or less.

Gardena Tract, M.R. 52-73

A strip of land 20 feet wide lying southerly of and adjacent to the south line of Redondo Beach Boulevard and extending from Figueroa Street to 600 feet, more or less, westerly of Figueroa Street.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 39-B, Sheets 1 and 2.

The estimated cost of this project is \$1,163,000.

PROJECT NO. 76

212th Street, Normandie Avenue to Western Avenue Storm Drain

The plan contemplates the construction of a reinforced concrete channel in 212th Street from Western Avenue to Denker Avenue; in a 100-foot easement from Denker Avenue to Normandie Avenue; the construction of reinforced concrete boxes across Western Avenue, Denker Avenue, and Normandie Avenue, east and west; and in a 40-foot easement across the Pacific Electric Railway.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 4983, Sheets 1, 2, 3, and 4, Maps 57-6-9

A strip of land, 100 feet wide, beginning at the easterly line of Denker Avenue, then southeasterly in a direct line, a distance of 1251 feet, more or less, to the westerly line of the West Roadway of Normandie Avenue at a point approximately 323 feet southerly of the center line of Two-Hundred-and-Twelfth Street.

Pacific Electric Railway Company's Right of Way

A strip of land 40 feet wide, approximately 323 feet southerly of and parallel to the center line of 212th Street, from the east line of Normandie Avenue west, to the west line of Normandie Avenue east.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 41-B, Sheets 1 and 2.

The estimated cost of this project is \$412,300.

PROJECT NO. 77

Pacific Coast Highway and Western Avenue Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in a 20-foot easement approximately 720 feet southerly of and parallel to the Pacific Coast Highway from a point 180 feet, more or less, easterly of Pennsylvania Avenue to Avocado Street; in 259th Place from Avocado Street to President Avenue; in a 20-foot easement along the Pacific Electric Railway from President Avenue to Frampton Avenue; south in Frampton Avenue approximately 800 feet to a 20-foot easement easterly in the 20-foot easement approximately 1000 feet to Bixby Slough.
- B. The construction of a reinforced concrete pipe in Western Avenue from an existing drain in Pacific Coast Highway to drain "A" in 259th Place.
- C. The construction of a reinforced concrete pipe in Frampton Avenue from an existing drain in Pacific Coast Highway to drain "A" in 259th Place.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 848, M.B. 16-90 and 91

A strip of land 20 feet wide, being a westerly prolongation of that portion of 259th Place extending easterly of Avocado Street, beginning at the westerly line of said Avocado Street, thence westerly a distance of 2600 feet, more or less, to a stream bed approximately 180 feet easterly of Pennsylvania Avenue.

Tract No. 2820, Sheet 1, Maps 30-20

A strip of land 20 feet wide between Frampton Avenue and President Avenue, and lying adjacent to the southerly line of Lot 3, Block 88; Lot 8, Block 87; Lot 9, Block 86; and Lot 9, Block 85, a distance of 1080 feet, more or less.

Part of 11 of Peck's Subdivision of Lot J and Portion of Lot H of the Partition of the Rancho Los Palos Verdes District Court Case No. 2373

A strip of land 20 feet wide beginning at a point in the easterly line of Frampton Avenue, approximately 1000 feet south of 259th Street and extending easterly 1000 feet, more or less, to the edge of Bixby Slough.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 42-B, Sheets 1 and 2.

The estimated cost of this project is \$715,100.

PROJECT NO. 78

Bixby Slough and Downing Street Storm Drain District

The plan contemplates:

- A. The construction of a reinforced concrete weir at a point on Bixby Slough 200 feet, more or less, north of Anaheim Street and westerly of "I" Street; the construction of a reinforced concrete box in various rights of way, easements and streets above weir to the northerly line of the West Basin of the Los Angeles Harbor.
- B. The construction of a reinforced concrete box across Pacific Coast Highway at a point 1800 feet, more or less, west of Figueroa Street.
- C. The construction of a reinforced concrete box across Lomita Boulevard at a point 650 feet, more or less, east of Vermont Avenue.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 162

All of lots 3, 4, 5, and 7 of Block E.

Mar Vista Tract

All of Lots 50, 74, 97, 120, 143, 165, 187, and 209.

Tract No. 3192

A strip of land 50 feet wide in the westerly portion of Lot 9 from the southerly line of "E" Street southerly 1430 feet, more or less, to the southerly line of said tract.

Partition of the Rancho Los Palos Verdes

A portion of Lot H, 200 feet, more or less, on all sides, bounded on the south by Anaheim Street and on the east by Tract No. 162.

A portion of Lot H, 10 feet, more or less, on all sides, bounded on the north by Anaheim Street and on the east by Tract No. 162.

A strip of land 50 feet wide in the westerly portion of Lot L in the area east of Downing Street and west of the West Basin of the Los Angeles Harbor, from the northerly line of said lot, southeasterly 90 feet, more or less, to the southerly line of said lot.

A strip of land, 50 feet wide, in the southerly portion of Lot G, 78 feet, more or less, east of Dodge Avenue, from 30 feet northerly of Lomita Boulevard to Lomita Boulevard.

Tide Land Location No. 57

A strip of land 50 feet wide in the northerly portion of said location in the vicinity of Frigate Street and Wilmington-San Pedro Road from the southerly line of Lot L, Partition of the Rancho Los Palos Verdes southeasterly 270 feet, more or less, to the United States permit line.

Peck's Subdivision of Lot J and Portion of Lot H of the Partition of the Rancho Los Palos Verdes

A strip of land 40 feet wide in the westerly portion of Lot 5, 365 feet, more or less, east of Dodge Avenue, from 35 feet north of to 35 feet south of Pacific Coast Highway.

A strip of land 50 feet wide in the westerly portion of Lot 5, 78 feet, more or less, east of Dodge Avenue, from Lomita Boulevard to 30 feet south of Lomita Boulevard.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 43-B, Sheets 1 and 2.

The estimated cost of this project is \$797,600.

PROJECT NO. 79

Gaffey Street Storm Drain System

The plan contemplates:

- A. The construction of a reinforced concrete transition structure and box in and adjacent to Capitol Drive (a private street) at a point approximately 800 feet westerly from Gaffey Street and 330 feet, more or less, northerly from Cabinet Drive (a private street); the construction of a reinforced concrete channel in a 50-foot easement from Capitol Drive to Gaffey Street; the construction of a reinforced concrete box across Gaffey Street, then in a 50-foot easement easterly and southerly to a point approximately 170 feet northerly from the prolongation of Cabinet Drive; the construction of a reinforced concrete channel in a 50-foot easement parallel to the Pacific Electric Railway Company right of way and Gaffey Street to a point approximately 315 feet northerly from the produced center line of Basin Street; then southwesterly to a point approximately 315 feet easterly and 75 feet northerly from the center of the intersection of Gaffey Street and Basin Street; the construction of a reinforced concrete box in an easement across the Wilmington-



Photo by Spence Air Photos.

**Hawaiian Gardens area looking south from the vicinity of
Norwalk Boulevard and Centralia Ave.**

The Artesia-Norwalk System, Project No. 21, will provide channels to carry storm waters into Coyote Creek, thus relieving area of this serious inundation. The Flood Control District plans to enlarge the capacity of Coyote Creek from its regular funds to accept this drainage.

San Pedro Road and a Pacific Electric Railway Company right of way, to a point approximately 70 feet southerly and 465 feet easterly from the intersection of Gaffey Street and Basin Street; the construction of a reinforced concrete transition in an easement southerly to a point approximately 205 feet southerly and 530 feet easterly from the intersection of Gaffey Street and Basin Street; the construction of an earth channel in an easement extending thence southerly and southeasterly approximately 977 feet to the West Basin of the Los Angeles Harbor.

- B. The construction of a reinforced concrete box in Miraflores Avenue from 120 feet west of Gaffey Street to Gaffey Street; in Gaffey Street to Channel Street; in Channel Street to Pacific Avenue; in a 20-foot right of way over the Pacific Electric Railway Company right of way and the Los Angeles Harbor Department Public Property east of Pacific Avenue to Line "A".
- C. The construction of a reinforced concrete pipe and box across Gaffey Street and rights of way to Line "A".
- H. The construction of a reinforced concrete box in the first alley north of Miraflores Avenue from 120 feet, more or less, west of Gaffey Street to Line "B" in Gaffey Street.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired or injured in carrying out this work is as follows:

"A" Right of Way

Government Property

Lot 2, Tract No. 3192, Maps 44, Pages 91 to 94

A strip of land 50 feet wide, beginning at a point approximately 290 feet northerly from the produced center line of Cabinet Drive (a private street approximately 2,250 feet northerly from Gatun Street) and 800 feet westerly from the center line of Gaffey Street; thence northeasterly 123 feet to a point approximately 330 feet northerly from the center line of said Cabinet Drive and 675 feet westerly from the center line of Gaffey Street; thence easterly 625 feet to the westerly line of Gaffey Street.

Tideland Location No. 154, Patents 9-276

A strip of land 120 feet wide, beginning at a point on the southeasterly line of the Wilmington-San Pedro Road distant thereon approximately 320 feet from the intersection of the southeasterly line of the Wilmington-San Pedro Road and the northwesterly line of said Tideland Location No. 154; thence southeasterly approximately 1,150 feet along the course of the existing drainage channel to the West Basin of the Los Angeles Harbor.

A strip of land 50 feet wide, extending southeasterly across that portion of the Tideland Location No. 154, bounded by the north line thereof, the northwest line of the Wilmington-San Pedro Road, and the easterly line of Tract No. 2641, Maps 26-96, from a point in the southeasterly line of Lot 12, Tract No. 3192, approximately 100 feet northeasterly from the northeasterly corner of Fractional Lot 15, said Tract No. 2641, to a point in the northwesterly line of the Wilmington-San Pedro Road 120 feet southwesterly from the intersection of the northwesterly line of Tideland Location No. 154 and the northwesterly line of the Wilmington-San Pedro Road.

A strip of land 100 feet wide, beginning at a point on the southeast line of the Wilmington-San Pedro Road approximately 340 feet measured along the southeasterly line of the Wilmington-San Pedro Road from the point of intersection of the northwesterly line of Tideland Location No. 154 and the southeasterly line of the Wilmington-San Pedro Road; thence southerly, southeasterly, and easterly along the course of the existing drainage channel to the West Basin of the Los Angeles Harbor.

Tract No. 3192, Maps 44, Pages 91 to 94

A strip of land 50 feet wide, beginning at a point approximately 25 feet easterly from the west line of a part of Lot 12, Tract No. 3192, and 2,600 feet northerly from the produced center line of Gatun Street; thence southerly and parallel with the westerly line of said Lot 12, a distance of approximately 3,060 feet to a point approximately 315 feet northerly from the produced center line of Basin Street; thence southeasterly a distance of approximately 270 feet to a point on the southeasterly line of said Lot 12 approximately 100 feet easterly from the northeasterly corner of Fractional Lot 15, Tract No. 2641.

Harbor Parkway Right of Way

A strip of land 50 feet wide from a point on the westerly line of the Harbor Parkway right of way approximately 52 feet northerly from the southwest corner of the Harbor Parkway right of way located on the southerly line of a part of Lot 12, Tract No. 3192, to a point on the southerly line of the Harbor Parkway right of way (also the southerly line of a part of Lot 12, Tract No. 3192) approximately 50 feet northeasterly from the above mentioned southwesterly corner of the Harbor Parkway.

"B" Right of Way

A strip of land 20 feet wide across Tideland Location No. 154, beginning at a point on the northeasterly line of Pacific Avenue approximately 35 feet northwesterly along said line from the produced northerly line of Channel Street, thence approximately north 50° east, a distance of approximately 200 feet to a junction with the main channel right of way 100 feet wide, as described in another description herein.

"C" Right of Way

Lot 5, Tract No. 3192, Maps 44, Pages 91 to 94

A strip of land 50 feet wide, beginning at the westerly line of Lot 5, Tract No. 3192, Maps 44, pages 91 to 94, approximately 330 feet northerly from the produced center line of Cabinet Drive; thence easterly 16.5 feet to the easterly line of said Lot 5.

Lot 7, Tract No. 3192, Maps 44, Pages 91 to 94

(Also known as Pacific Electric Railway Company Right of Way)

A strip of land 50 feet wide, beginning on the west line of Lot 7, Tract No. 3192, Maps 44, pages 91 to 94, approximately 330 feet northerly from the produced center line of Cabinet Drive (a private street approximately 2,250 feet northerly from Gatun Street); thence southeasterly across said Lot 7 to a point on the east line thereof approximately 310 feet northerly from the produced center line of said Cabinet Drive.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 44-B, Sheet 1.

The estimated cost of this project is \$752,900.

PROJECT NO. 81

Airport Boulevard and 76th Street Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe drain in Airport Boulevard from Flight Place to 76th Street; the construction of a reinforced concrete box in Airport Boulevard from 76th Street to a point 120 feet north of 74th Street; the construction of an earth channel in a 75-foot right of way from above box to a point 1400 feet, more or less, northwesterly.
- B. The construction of a reinforced concrete pipe drain in Osage Avenue from 83rd Street to 78th Street; in 78th Street to Kittyhawk Avenue; in existing 17-foot rights of way from Kittyhawk Avenue to Flight Avenue; in 76th Street from Flight Avenue to Piper Avenue; the construction of a reinforced concrete box in 76th Street from Piper Avenue to drain "A" in Airport Boulevard.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Section 19, T. 2 South, R. 14 West, in the Rancho Aguaje de La Centinela (P. 1-512)

A strip of land 75 feet wide beginning at a point approximately 120 feet north of 74th Street, then north 20°, more or less, west for a distance of 800 feet, more or less, then north 74°, more or less, west for a distance of 600 feet, more or less. The exact distances and bearings to be determined by a future survey.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 46-B, Sheets 1 and 2.

The estimated cost of this project is \$1,068,600.

PROJECT NO. 83

Manchester Avenue and Sepulveda Boulevard

The plan contemplates:

- A. The construction of a reinforced concrete pipe from the Los Angeles International Airport Perimeter Ditch, northerly in existing 60-foot easement and Liberator Avenue to 86th Place; in 86th Place to Emerson Avenue; in Emerson Avenue to 85th Place; in 85th Place to Dunbarton Avenue; in Dunbarton Avenue to 83rd Street.
- B. The construction of a reinforced concrete pipe from the Los Angeles International Airport Perimeter Ditch, northerly in a 20-foot easement to the intersection of McConnell Avenue and Will Rogers Street; in McConnell Avenue to the easterly boundary line of the Los Angeles International Airport at 87th Street, across said Airport to the intersection of Manchester Avenue and McConnell Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and section—Plate 48-B, Sheets 1 and 2.

The estimated cost of this project is \$606,200.

PROJECT NO. 84

Slauson Avenue Relief Drain

The plan contemplates the construction of a reinforced concrete box in Westside Avenue, from Santa Barbara Avenue to 39th Street; in 39th Street to Norton Avenue; in Norton Avenue to Coliseum Street; in Coliseum Street to Chesapeake Avenue; in Chesapeake Avenue to Exposition Boulevard (south roadway); in Exposition Boulevard (south roadway) to Farmdale Avenue; then westerly in a 40-foot easement parallel to and southerly of Exposition Boulevard to a point approximately 500 feet easterly of La Brea Avenue; in Exposition Boulevard (south roadway) to Dunsmuir Avenue; the construction of a reinforced concrete arch in a 30-foot easement across the Southern Pacific (P.E.) right of way to Jefferson Boulevard; the construction of a reinforced concrete box in Jefferson Boulevard from above right of way to Fairfax Avenue; in a 40-foot wide easement parallel to the Southern Pacific (P.E.) right of way from Fairfax Avenue to Ballona Creek.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 11066

All of Lot 2.

Rancho Cienega O'Paso De La Tijera

A strip of land on the northerly boundary of Playground Department property, southerly of Exposition Boulevard, from the westerly line of Tract No. 11066, a distance of 2250 feet, more or less, to the westerly boundary of said Playground Department property.

Southern Pacific Railroad Company's Right of Way (known as Pacific Electric Air Line)

A strip of land 30 feet wide from the intersection of Exposition Boulevard and Dunsmuir Avenue northwesterly, 50 feet, more or less, to the southerly line of Jefferson Boulevard.

Subdivision of the Southern Portion of the Rancho Rincon De Los Bueges

A strip of land 40 feet wide on the southerly boundary of Lot 29, from Fairfax Avenue, a distance of 1,250 feet, more or less, to Ballona Creek Channel right of way.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 49-B, Sheets 1 and 2.

The estimated cost of this project is \$6,493,300.

PROJECT NO. 85

Right of Way North of Southern Pacific Railway (Coast Line)

The plan contemplates the construction of a reinforced concrete channel in a 30-foot right of way north of the Southern Pacific Railway (Coast Line) from the Pacoima

Wash Channel to Van Nuys Boulevard; the construction of a reinforced concrete box in a 30-foot right of way north of the Southern Pacific Railway (Coast Line) from Van Nuys Boulevard to an existing paved channel approximately 2700 feet west of Woodman Avenue; the enlargement of the existing paved channel north of the Southern Pacific Railway (Coast Line) from approximately 2700 feet west of Woodman Avenue to the West Tujunga Wash Channel.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired or injured in carrying out this work is as follows:

A strip of land 30 feet north of and adjacent to the Southern Pacific Railway (Coast Line) running in a southeasterly direction from the east right of way line of Pacoima Wash to the west right of way line of an existing paved channel north of and adjacent to the Southern Pacific Railway (Coast Line) and approximately 2700 feet west of Woodman Avenue.

The location, limits, type of work proposed, and the rights of way or easements required are shown on the plan, profile, and sections—Plate 50-B, Sheet 1.

The estimated cost of this project is \$714,900.

PROJECT NO. 86

Boone Avenue and Olive Avenue Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in a 10-foot easement from a pumping plant southerly approximately 550 feet to the northerly line of Washington Street; in Washington Street 130 feet to the southerly line of Washington Street; in a 10-foot easement southeasterly approximately 850 feet from Washington Street to an outlet structure at Ballona Lagoon; the construction of a reinforced concrete outlet structure on a pile foundation in a 10-foot easement at Ballona Lagoon.
- B. The construction of a reinforced concrete storm water storage chamber and a reinforced concrete building for a pumping plant in a proposed easement southerly from and adjacent to Harbor Street within the produced lines of Boone Avenue and Frey Avenue.
- C. The purchase and installation of three 22,000 gallon per minute motor driven pump units, one 22,000 gallon per minute gas driven pump unit, and one 200 gallon per minute motor driven utility pump unit, including necessary electrical equipment for all motors to complete a pumping plant in above building.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Part of Cristobal Machado 115.945 Acre Allotment in the Rancho La Ballona District, Court Case No. 2,000 C.F. 62

A strip of land 35 feet wide, approximately 150 feet long, adjacent to the southerly line of Harbor Street within the produced lines of Boone Avenue and Frey Avenue.

A strip of land 10 feet wide beginning at the southerly line of the last mentioned 35-foot wide strip of land and extending southerly to the northwesterly line of Washington Street within the produced lines of Boone Avenue and Frey Avenue.

**Part of Cristobal Machado 115.945 Acre Allotment in the
Rancho La Ballona District, Court Case No. 2,000 C.F. 62
Tract No. 6098, Maps 108-58/59, Lot No. 295
Fractional Benina Talamantes 25.24 Acre Allotment in the
Rancho La Ballona District, Court Case No. 965, C.F. 16
Fractional Macedonio Aguilar 198.76 Acre Allotment in the
Rancho La Ballona District, Court Case No. 965, C.F. 16. See M.R. 70-2**

A strip of land 10 feet wide beginning at a point in the southerly line of Washington Street approximately 380 feet easterly of Beach Avenue and extending southeasterly approximately 830 feet approximately parallel with the city boundary line to the Ballona Lagoon.

The location, limits, type of work proposed, and rights of way or easements proposed are shown on the plan, profile, and section—Plate 51-B, Sheets 1 and 2.

The estimated cost of this project is \$246,900.

PROJECT NO. 87

La Jolla Avenue and Fairfax Avenue Relief Drain

The plan contemplates the construction of a reinforced concrete box in Beverly Boulevard from Orange Grove Avenue to Edinburgh Avenue; in Edinburgh Avenue to Colgate Avenue and Crescent Heights Boulevard; in Crescent Heights Boulevard to Wilshire Boulevard; in Wilshire Boulevard to McCarthy Vista; in McCarthy Vista to the northerly roadway of San Vicente Boulevard; in a 20-foot easement to the southerly roadway of San Vicente Boulevard and Foster Drive; in Foster Drive to Olympic Boulevard; in Olympic Boulevard to Alvira Street; in Alvira Street to Whitworth Drive; in Whitworth Drive to La Jolla Avenue; in La Jolla Avenue to Pico Boulevard; in Pico Boulevard to Alvira Street.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Pacific Electric Railway Company Right of Way

A strip of land 20 feet wide extending approximately 70 feet westerly across the Pacific Electric Railway Company right of way from the southerly line of the northerly roadway of San Vicente Boulevard at its intersection with McCarthy Vista to the northerly line of the southerly roadway of San Vicente Boulevard at its intersection with Foster Drive.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and section—Plate 52-B, Sheet 1.

The estimated cost of this project is \$1,393,100.

PROJECT NO. 88

Sepulveda Boulevard Storm Drain

The plan contemplates the construction of a reinforced concrete channel in Sepulveda Boulevard from Gresham Street to Parthenia Place; in Parthenia Place to Parthenia Street; in Parthenia Street to Pacoima Wash; also the construction of a reinforced concrete box across Noble Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 53-B, Sheets 1 and 2.

The estimated cost of this project is \$279,200.

PROJECT NO. 89

Barry Avenue, Braddock Drive, and Kelton Avenue Storm Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Braman Street from Huntley Avenue to Sawtelle Boulevard; in Sawtelle Boulevard to Braddock Drive; in Braddock Drive to an existing drain approximately 70 feet westerly of Slauson Avenue.
- B. The construction of a reinforced concrete pipe in Charnock Road from Barry Drive north of Charnock Road to a proposed easement in a 10-foot easement from the southerly line of Charnock Road to the northerly terminus of Barry Avenue; in Barry Avenue to Venice Boulevard; in Venice Boulevard to the Sawtelle-Westwood Channel at McLaughlin Avenue.
- C. The construction of a reinforced concrete pipe in Charnock Road from Westwood Boulevard to Kelton Avenue; in Kelton Avenue to an existing drain in Venice Boulevard (N. Rdwy.).

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

“C” Right of Way

Fractional Lot E. Ocean Park Villa Tract Maps 6 - 98/99

A strip of land 10 feet wide across Fractional Lot E extending southerly between the southerly line of Charnock Road and the northerly terminus of Barry Avenue within the produced lines of Barry Avenue.

The location, limits, type of work proposed, and the rights of way or easements required are shown on the plans, profiles, and sections—Plate 54-B, Sheets 1 to 6, inclusive.

The estimated cost of this project is \$457,900.

PROJECT NO. 90

East Olympic Boulevard Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in Concord Street from Oregon Street to a point approximately 120 feet southerly of Oregon Street; the construction of a reinforced concrete arch in Concord Street from the last mentioned point to the southerly right of way line of the Santa Ana Freeway; the construction of a reinforced concrete pipe in Concord Street from the southerly right of way line of the Santa Ana Freeway to Estrada Street; in Concord Street and a proposed 6-foot easement to Glenn Avenue; in Glenn Avenue to Lorena Street; in Lorena Street to De La Torre Way; in De La Torre Way to a proposed 12-foot easement southerly of Emery Street; in the 12-foot easement southeasterly approximately 135 feet to the southerly boundary of the City of Los Angeles; the construction of a reinforced concrete box in a 12-foot easement, in the City of Vernon, from the above pipe to the southerly line of the Los Angeles and Salt Lake Railroad right of way, excepting those portions in dedicated streets; the construction of a reinforced concrete pipe in a 12-foot easement from the last mentioned point southerly to the Los Angeles River Channel; excepting those portions in dedicated streets.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 4447, Maps 49-29

A strip of land 6 feet wide extending along the westerly lines of Lots Nos. 53, 54, 86, and 87 between Estrada Street and Glenn Avenue.

Tract No. 5973, Maps 64-12, Lot 29

A strip of land 12 feet wide beginning at the southerly line of Emery Street and extending southeasterly approximately 135 feet parallel with an existing 25-foot wide storm drain easement to the southerly boundary line of the City of Los Angeles.

Tract No. 8626, Maps 121-96/100

Across the Los Angeles and Salt Lake Railroad Right of Way

(A) Lot 14 of said Tract

A strip of land 12 feet wide extending southeasterly approximately 340 feet from the southerly boundary line of the City of Los Angeles to a point in the northerly line of Washington Boulevard.

(B) Lot 15 of said Tract

A strip of land 12 feet wide extending southerly approximately 75 feet from a point in the southerly line of Washington Boulevard, to a point in the southerly line of said Lot 15.

Region 48, Division 103, O.M. 3-19/27

Lot No. 66

A strip of land 12 feet wide extending southerly approximately 600 feet from the last mentioned point to a point in the northerly right of way line of the Atchison, Topeka, and Santa Fe Railway Company.

Atchison, Topeka and Santa Fe Railway Company Right of Way

A strip of land 12 feet wide extending southerly approximately 110 feet from the last mentioned point to a point in the northerly line of East 26th Street.

Region 48, Division 105, O.M. 3-19/27 Lots Nos. 80, 81, 82, and 83

A strip of land 12 feet wide extending southerly approximately 1080 feet from a point in the southerly line of East 26th Street to the northerly line of Bandini Boulevard.

A strip of land 12 feet wide extending from a point in the southerly line of Bandini Boulevard to the northerly right of way line of the Los Angeles River.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 55-B, Sheet 1.

The estimated cost of this project is \$771,900.

PROJECT NO. 91 Whitsett Avenue

The plan contemplates the construction of a reinforced concrete pipe in Whitsett Avenue from Victory Boulevard to Albers Street; in Albers Street to the westerly terminus of Albers Street, and a 20-foot right of way; in the 20-foot right of way from the westerly terminus of Albers Street to Tujunga Wash.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

A strip of land 20 feet wide beginning at a point in Albers Street approximately 560 feet westerly of Whitsett Avenue; thence westerly approximately 1750 feet to a point in the Tujunga Wash Channel right of way approximately 620 feet southerly of Burbank Boulevard.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and section—Plate 56-B, Sheets 1 and 2.

The estimated cost of this project is \$562,400.

PROJECT NO. 93 Arroyo De Los Jardines

The plan contemplates the construction of a reinforced concrete pipe in June Street from a point approximately 200 feet southerly of Sixth Street to a point approximately 315 feet northerly of Wilshire Boulevard; the construction of a reinforced concrete arch in June Street from the last mentioned point to Wilshire Boulevard; in Wilshire Boulevard to Tremaine Avenue; in Tremaine Avenue to a point approximately 50 feet southerly of Wilshire Boulevard; the construction of a reinforced concrete pipe in Tremaine

Avenue from the last mentioned point to Edgewood Place; in Edgewood Place to Longwood Avenue; in Longwood Avenue to a point approximately 280 feet southerly of Edgewood Place; the construction of a reinforced concrete arch in Longwood Avenue from the last mentioned point to Twelfth Street; in Twelfth Street to a point approximately 200 feet westerly of Longwood Avenue; the construction of a reinforced concrete pipe in Twelfth Street from the last mentioned point to Citrus Avenue; in Citrus Avenue to San Vicente Boulevard; in San Vicente Boulevard to La Brea Avenue; in La Brea Avenue to Pico Boulevard; in Pico Boulevard to Highland Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 58-B, Sheet 1.

The estimated cost of this project is \$772,600.

PROJECT NO. 94

Hillrose Street

The plan contemplates the construction of a reinforced concrete pipe in Hillrose Street from Tujunga Canyon Boulevard to Haines Canyon Channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed, are shown on the plan, profile, and section—Plate 59-B, Sheets 1 and 2.

The estimated cost of this project is \$409,100.

PROJECT NO. 96

Reseda Boulevard

The plan contemplates the construction of a reinforced concrete pipe or reinforced concrete box in Reseda Boulevard from Saticoy Street to the Los Angeles River.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 61-B, Sheets 1 and 2.

The estimated cost of this project is \$619,400.

PROJECT NO. 101

Wentworth Street, Tujunga Canyon Boulevard to Haines Canyon Channel

The plan contemplates the construction of a reinforced concrete pipe in Wentworth Street from an existing drain in Tujunga Canyon Boulevard to Haines Canyon Channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 66-B, Sheet 1.

The estimated cost of this project is \$407,600.

PROJECT NO. 103

White Oak Avenue

The plan contemplates the construction of a reinforced concrete box or pipe in White Oak Avenue from Saticoy Street to the Los Angeles River.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 68-B, Sheets 1 and 2.

The estimated cost of this project is \$1,002,800.

PROJECT NO. 106

Haskell Avenue Between Roscoe Boulevard and Sepulveda Basin

The plan contemplates the construction of a reinforced concrete pipe in Roscoe Boulevard from Haskell Avenue, east, to Haskell Avenue, west; in Haskell Avenue to the Southern Pacific (Coast Line) Railroad right of way; in a 20-foot right of way across the Southern Pacific (Coast Line) Railroad right of way to Haskell Avenue; in Haskell Avenue, and Haskell Avenue (vacated) to 165 feet, more or less, southerly of Victory Boulevard; in a 20-foot right of way from above point across the Southern Pacific (Burbank Branch) Railroad right of way to Sepulveda Basin.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Southern Pacific (Coast Line) Railroad Company's Right of Way

A strip of land 20 feet wide extending 115 feet across the Southern Pacific (Coast Line) Railroad Company's right of way within the produced lines of Haskell Avenue.

Southern Pacific (Burbank Branch) Railroad Right of Way, M. D. & D. 26-17

A strip of land 20 feet wide extending 100 feet across the Southern Pacific (Burbank Branch) Railroad right of way within the produced lines of Haskell Avenue.

United States Government Property D.M. 4232 - 124/125

Permission for construction within the Sepulveda Flood Control Basin will have to be obtained from the United States Corps of Engineers.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and section—Plate 71-B, Sheets 1 and 2.

The estimated cost of this project is \$995,300.

PROJECT NO. 107

Branford Street Channel and Cantara Street Storm Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Cantara Street from Woodman Avenue to the Tujunga Wash Channel.
- B. The construction of a reinforced concrete channel in a 40-foot right of way from San Fernando Road, 750 feet southeast of Montague Street to the proposed Pacoima Wash Diversion Channel 600 feet southerly of Wentworth Street; also the construction of reinforced concrete boxes under all streets in the above reach.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"B" Right of Way

A strip of land 40 feet wide beginning at San Fernando Road at a point approximately 550 feet northwest of Branford Street and running southwesterly to the proposed Pacoima Wash Diversion Channel at a point approximately 600 feet southwesterly of Wentworth Street.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plans, profiles, and sections—Plate 72-B, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$558,300.

PROJECT NO. 108

Kester Avenue

The plan contemplates the construction of a reinforced concrete pipe in Kester Avenue from the Pacoima Wash to the Los Angeles River.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 73-B, Sheets 1 and 2.

The estimated cost of this project is \$1,289,800.

PROJECT NO. 112

Kelvin Channel

The plan contemplates the construction of a reinforced concrete channel in a 40-foot right of way easterly of Canoga Avenue from an existing drain in Ventura Boulevard to the Los Angeles River; also the construction of reinforced concrete boxes across De Soto Avenue, Topham Street, and Van Owen Street.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured, in carrying out this work is as follows:

Proposed Route

A strip of land 40 feet wide beginning at the southerly line of the Los Angeles River at a point approximately 500 feet easterly of De Soto Avenue and running southerly to a point approximately 1050 feet south of Topham Street; thence in a southwesterly direction to a point in Erwin Street approximately 200 feet easterly of Independence Avenue; thence in a southerly direction to Ventura Boulevard at the intersection of Serrania Avenue, or:—

Alternate Route

A strip of land 40 feet wide beginning at the southerly line of the Los Angeles River at a point approximately midway between De Soto Avenue and Independence Avenue, and running southerly to Ventura Boulevard at Serrania Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 77-B, Sheet 1.

The estimated cost of this project is \$397,000.

PROJECT NO. 113

Aviation Boulevard and 96th Street Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe storm drain in 96th Street from Ingleport Avenue to Hoxey Avenue; the construction of a reinforced concrete box in 96th Street from Hoxey Avenue to Airport Boulevard; in Airport Boulevard to 98th Street; in 98th Street to Bellanca Avenue; the construction of a reinforced concrete box in a 15-foot right of way from Bellanca Avenue to drain "D" in Aviation Boulevard.
- B. The construction of a reinforced concrete pipe in Century Boulevard from Airport Boulevard to drain "D" at Aviation Boulevard.
- C. The construction of a reinforced concrete pipe in an alley from Morley Street at Reading Avenue to the southerly Boundary of Tract No. 15283; in a 15-foot easement southerly 262 feet, more or less, to an existing 42-foot sewer easement 240 feet, more or less, westerly of Bellanca Avenue, in the existing easement to Bellanca Avenue; the construction of a reinforced concrete box in Arbor Vitae Street from Bellanca Avenue to the east City of Los Angeles boundary at Portal Avenue (vacated except for S. D. R/W) in Portal Avenue (vacated) from the north City of Los Angeles boundary at Arbor Vitae Street to the alley southerly of 98th Street and Aviation Boulevard; in Aviation Boulevard to a proposed drain in Century Boulevard.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

A strip of land 15 feet wide, adjacent to and parallel with the existing 10-foot sanitary sewer easement, 240 feet, more or less, westerly of Bellanca Avenue, from the southerly line of Tract No. 15283 to the existing sanitary sewer easement, first south, a distance of 262 feet, more or less.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profiles, and sections—Plate 78-B, Sheets 1 and 2.

The estimated cost of this project is \$850,000.

PROJECT NO. 126

Storm Drain Pump District No. 4

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Delta Avenue from Arlington Street to Taper Street; in Taper Street to Gale Avenue; in Gale Avenue to an existing drain in 27th Street.
- B. The construction of a reinforced concrete pipe in Columbia Street from Webster Avenue to Santa Fe Avenue; in Santa Fe Avenue to 28th Street; in 28th Street to drain "A" in Gale Avenue.
- C. The construction of a reinforced concrete pipe in 32nd Street from Caspian Avenue to drain "A" in Gale Avenue.
- D. The purchase and installation of three 22,000 gpm pump and motor units, including necessary electrical equipment to complete the pumping plant requirements of the existing storm drain pump station at 27th Street and Long Beach Freeway on the west bank of the Los Angeles River Flood Control Channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 1-C, Sheets 1 and 2.

The estimated cost of this project is \$511,800.

PROJECT NO. 127

Storm Drain Pump District No. 5

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Burnett Street from Santa Fe Avenue to Fashion Avenue; in Fashion Avenue to 20th Street; in 20th Street to Gale Avenue; in Gale Avenue to an existing drain in 19th Street.
- B. The construction of a reinforced concrete pipe in 19th Street from Harbor Avenue to an existing drain in Gale Avenue.
- C. The construction of a reinforced concrete pipe in Hill Street from Seabright Avenue to drain "A" in 19th Street.
- D. The purchase and installation of three 16,000 gpm pump and motor units, including necessary electrical equipment to complete the pumping plant requirements of the existing storm drain pump station at 19th Street and the Long Beach Freeway on the west bank of the Los Angeles River Flood Control Channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 2-C, Sheets 1 and 2.

The estimated cost of this project is \$384,400.

PROJECT NO. 128

North Boundary Storm Drain Pump District

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Atlantic Avenue from 71st Street to an existing drain in Artesia Street.
- B. The construction of a reinforced concrete pipe in Orange Avenue from 70th Street to an existing drain in Artesia Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 3-C, Sheets 1 and 2.

The estimated cost of this project is \$268,200.

PROJECT NO. 129

North Long Beach Storm Drain Pump District

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Cherry Avenue from 60th Street to 59th Street; in 59th Street to De Forrest Avenue and a proposed pump station; the construction of a pump station adjacent to the southeast corner of De Forrest Avenue and 59th Street to discharge into the Los Angeles River.
- B. The construction of a reinforced concrete pipe in Elm Avenue from Janice Street to Jaymills Avenue; in Jaymills Avenue to drain "A" in 59th Street.
- C. The construction of a reinforced concrete pipe in Linden Avenue from 60th Street to drain "A" in 59th Street.
- D. The construction of a reinforced concrete pipe in Myrtle Avenue from Harding Street to drain "A" in 59th Street.
- E. The construction of a reinforced concrete pipe in Orange Avenue from 65th Street to drain "A" in 59th Street.
- F. The construction of a reinforced concrete pipe in 64th Street from Walnut Avenue to drain "E" in Orange Avenue.
- G. The construction of a reinforced concrete pipe in Poppy Street from Cherry Avenue to Walnut Avenue; in Walnut Avenue to an existing drain in Harding Street.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 13655

Lots 134 and 135 of Tract No. 13655 adjacent to the southeast corner of 5th Street and De Forrest Avenue, covering an area of approximately 120 feet by 97 feet will be required as a site for the proposed pump station.

The location, limits, type of work proposed and rights of way or easements to be acquired are shown on the plan, profile, and section—Plate 4-C, Sheets 1 and 2.

The estimated cost of this project is \$1,358,700.

PROJECT NO. 130

Storm Drain Pump District No. 7

The plan contemplates:

- A. The construction of a reinforced concrete channel following the approximate alignment of the present "North Long Beach Drainage Ditch", in a 15-foot easement from Cherry Avenue at a point approximately 150 feet south of 52nd Street to the intersection of Rose Avenue and 52nd Street; in a 20-foot easement adjacent to the City boundary to an existing culvert at Atlantic Avenue; in a 25-foot easement from a point near the intersection of Sunset Street and Linden Avenue to the existing culverts at Long Beach Boulevard; in a 30-foot easement to Pacific Avenue; the construction of a trapezoidal channel in a 115-foot easement south of the Union Pacific Railroad from Pacific Avenue to a proposed pump station on the Los Angeles River Flood Control Channel; and the construction of a pump station at the latter point to discharge into the Los Angeles River.
- B. The construction of a reinforced concrete pipe in Sunset Street from Locust Avenue to Long Beach Boulevard in Long Beach Boulevard to 51st Street; in 51st Street to Pacific Avenue; in Pacific Avenue to channel "A".
- C. The construction of a reinforced concrete pipe in 55th Street from Chestnut Avenue to Cedar Avenue; in Cedar Avenue to drain "B" in Sunset Street.
- D. The construction of a reinforced concrete pipe in Market Street from California Avenue to Lime Avenue; in Lime Avenue to channel "A".

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Virginia Country Club Easement

A strip of land in the Rancho San Pedro 115 feet wide beginning at the compromise line between Rancho San Pedro and a portion of Rancho Los Cerritos adjacent to the south line of the Union Pacific Railroad right of way, then westwardly parallel to said south line to a point in the East Line of the Los Angeles River Flood Control channel right of way.

Union Pacific Railroad Right of Way Easements

A strip of land in Tract No. 10396, 15 feet wide, crossing the Union Pacific Railroad right of way within the projection of Pacific Avenue.

Tract No. 5405 Easement

A strip of land 15 feet wide along the south side of Tract No. 5405 beginning at the west line of Cherry Avenue running parallel to said south side of Tract No. 5405 to the south line of 52nd Street, and to the east line of Rose Avenue.

The location, limits, type of work proposed, and rights of way or easements to be acquired are shown on the plan, profile, and sections—Plate 5-C, Sheets 1 and 2.

The estimated cost of this project is \$1,331,600.

PROJECT NO. 131

Northeast Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe or alternate "horseshoe" sections in 10th Street from Orizaba Avenue to Park Circle and St. James Place; in St. James Place to Loma Vista Drive; in a 20-foot easement to the Los Angeles River.
- B. The construction of a reinforced concrete pipe in 7th Street from Rose Avenue to Orange Avenue; in Orange Avenue to drain "A" in 10th Street.
- C. The construction of a reinforced concrete pipe in Anaheim Street from Raymond Avenue to Dawson Avenue; in Dawson Avenue to drain "A" in 10th Street.
- D. The construction of a reinforced concrete pipe in 6th Street from Molino Avenue to Junipero Street; in Junipero Street to drain "A" in 10th Street.
- E. The construction of a reinforced concrete pipe in Temple Avenue from the Pacific Electric Railroad to drain "A" in 10th Street.
- F. The construction of a reinforced concrete pipe in Anaheim Street from Obispo Avenue to drain "E" in Temple Avenue.

No rights of way or easements are required for above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 6-C, Sheets 1 to 3, inclusive.

The estimated cost of this project is \$4,566,800.

PROJECT NO. 132

Seaside Storm Drain and Interceptor

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Magnolia Avenue from Eighth Street to Third Street, in Third Street to the Los Angeles River.
- B. The construction of a reinforced concrete pipe in Sixth Street from Linden Avenue to drain "A" in Magnolia Avenue.
- C. The construction of a reinforced concrete pipe in Ocean Boulevard from Alamitos Avenue to Linden Avenue; in Linden Avenue to First Street; in First Street to

Pacific Avenue; in Pacific Avenue to Broadway; in Broadway to Pacific Avenue West; in Pacific Avenue West to Third Street; in Third Street to drain "A" in Magnolia Avenue.

- D. The construction of a reinforced concrete pipe in Seaside Boulevard from Daisy Avenue to a proposed pump station on the Los Angeles river; and the construction of a pump station at that point.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 7-C, Sheets 1 and 2.

The estimated cost of this project is \$1,268,600.

PROJECT NO. 133

Bouton Creek Channel

The plan contemplates:

- A. The construction of a reinforced concrete channel in a 20-foot easement adjacent to the north property line of Willow Street from Ximeno Avenue to Clark Avenue; in a 20-foot easement adjacent to Clark Avenue to an existing culvert across Los Coyotes Diagonal; in a 30-foot easement adjacent to the west side of Clark Avenue from Los Coyotes Diagonal to an existing culvert approximately 455 feet south of Atherton Street.
- B. The construction of a reinforced concrete channel in an existing 30-foot right of way from Pacific Coast Highway between Ximeno Avenue and Park Avenue, and following the existing ditch to the City boundary.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 8-C, Sheets 1 and 2.

The estimated cost of this project is \$356,600.

PROJECT NO. 146

Central Avenue and Glendale Avenue Drains

The plan contemplates:

- A. The construction of a reinforced concrete arch in Central Avenue from Harvard Street to the Southern Pacific Railroad near Dover Street; in a 20-foot easement to the city boundary and a proposed city of Los Angeles Drain.
- B. The construction of a reinforced concrete pipe in Glendale Avenue from Chestnut Street to Palmer Avenue; in Palmer Avenue to drain "A" in Central Avenue.

A general description of the land, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

A strip of land 20 feet wide beginning at the easterly right of way line of the Southern Pacific Railroad right of way; thence on a line between Central Avenue and Dover Street to the easterly right of way line of Seneca Street.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-D, Sheets 1 and 2.

The estimated cost of this project is \$1,504,000.

PROJECT NO. 152

Gardena Avenue, Railroad Street, and Los Angeles Street Drains

The plan contemplates:

- C. The construction of a reinforced concrete pipe in San Fernando Road from Pacific Avenue to Garfield Avenue; in Garfield Avenue to Los Angeles Street; in Los Angeles Street to Chevy Chase Drive; in a 20-foot easement, on a prolongation of Los Angeles Street, 600 feet, more or less, to Los Angeles Street south of Palmer Avenue; in Los Angeles Street to Cypress Street; in a 20-foot easement on alignment shown to Fernando Court; the construction of a reinforced concrete arch in a 20-foot easement to Los Feliz Road and Railroad Street; in Los Angeles Street to drain "A" in Central Avenue.
- D. The construction of a reinforced concrete arch in Gardena Avenue from Brand Boulevard to drain "A" in Central Avenue.

A general description of the land, easements, rights of way and property proposed to be taken, acquired, or injurer in carrying out this work is as follows:

A strip of land 20 feet wide on the prolongation of Railroad Street from the northerly line of Los Feliz Road to the southerly line of Fernando Court.

A strip of land 20 feet wide on alignment shown from the northerly right of way line of Fernando Court to the southerly right of way line of Cypress Street.

A strip of land 20 feet wide on a northerly prolongation of Los Angeles Street from the north line of Breedloves subdivision MB 10-94, 95, to the south right of way line of the City of Glendale Incinerator site.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-D, Sheets 1 and 3.

The estimated cost of this project is \$568,100.

PROJECT NO. 156

Harvard Street - Wilson Avenue - Upper Central Avenue and Upper Glendale Avenue Drains

The plan contemplates:

- E. The construction of a reinforced concrete pipe in Wilson Avenue from Pacific Avenue to Concord Street; in Concord Street to Broadway; in Broadway to the city boundary.



Photo by Don Wilkins for the Van Nuys Chamber of Commerce.

**Intersection of Van Nuys Boulevard and Friar Street
looking south on Van Nuys Boulevard.**

The Van Nuys Blvd.-Tyrone Ave. Drain, Project #36, the Kester Ave. Drain, Project #108, and the North of S.P.R.R.-Coast Line Drain, Project #85 are designed to carry the storm waters which will continue to flow in Tyrone Avenue and overflow into Van Nuys Blvd. and adjacent areas after Pacoima Diversion Channel is completed.

- F. The construction of a reinforced concrete pipe in Maryland Avenue from California Avenue to Harvard Street; in Harvard Street to drain "A" in Wilson Avenue.
- G. The construction of a reinforced concrete pipe in Central Avenue from Doran Street to drain "A" at Harvard Street.
- H. The construction of a reinforced concrete pipe in Glendale Avenue from Broadway to drain "B" at Chestnut Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 1-D, Sheets 1, 4, and 5.

The estimated cost of this project is \$497,700.

PROJECT NO. 166

Toluca Park Drive - Alameda Avenue Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Verdugo Avenue from Maple Street to Pass Avenue; in Pass Avenue to Drain "C".
- B. The construction of a reinforced concrete pipe in Toluca Park Drive from Clybourn Avenue to drain "C" in Pass Avenue.
- C. The construction of a reinforced concrete box in Pass Avenue from a junction with drain "A" and drain "B" to Heffron Drive; in Heffron Drive to Hollywood Way; in Hollywood Way to Alameda Avenue; in Alameda Avenue to an existing open channel at Niagara Street.

No rights of way or easements are required for the above construction.

The location, limits, and types of work proposed are shown on the plan, profiles, and section—Plate 1-E, Sheets 1 and 2.

The estimated cost of this project is \$595,600.

PROJECT NO. 167

Niagara Street Drain

The plan contemplates the construction of a reinforced concrete pipe in Hollywood Way from Burbank Boulevard to Magnolia Boulevard. The construction of a reinforced concrete box in Hollywood Way from Magnolia Boulevard to Clark Avenue; in Clark Avenue to Lima Street; in Lima Street to Verdugo Avenue; in Verdugo Avenue to Niagara Street; in Niagara Street and in the Southerly prolongation of Niagara Street to the southerly side of Alameda Avenue and an existing open channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 2-E, Sheets 1 and 2.

The estimated cost of this project is \$787,800.

PROJECT NO. 168

Frederic Street Drain

The plan contemplates the construction of a reinforced concrete pipe in Clark Avenue from Buena Vista Street to Frederic Street; in Frederic Street to Edison Road; in Edison Road to the southerly side of Alameda Avenue; in a 20-foot easement to the westerly side of Keystone Street at Parkside Avenue; in Keystone Street to Riverside Drive. The construction of a reinforced concrete box in Keystone Street to Burbank City boundary; in a 20-foot easement on the southerly prolongation of Keystone Street to an existing channel.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Easement "A"

A strip of land 20 feet wide beginning at the intersection of the southeasterly line of Alameda Avenue with the center line of Edison Road produced southeasterly; thence southeasterly in a direct line to the intersection of the southwesterly line of Keystone Street with the center line of Parkside Avenue produced westerly.

Easement "B"

A strip of land 20 feet wide beginning at the most southerly end of Keystone Street; thence southeasterly along the prolongation of Keystone Street to the northerly right of way line of a Los Angeles County Flood Control channel.

Partly in the City of Burbank and partly in the City of Los Angeles.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profiles, and sections—Plate 3-E, Sheets 1 and 2.

The estimated cost of this project is \$453,600.

PROJECT NO. 169

Glenwood Place Drain

The plan contemplates the construction of a reinforced concrete pipe in Magnolia Boulevard from Sparks Street to Griffith Park Drive; in Griffith Park Drive to Olive Avenue; in Olive Avenue to Virginia Avenue; in Virginia Avenue to Oak Street; in Oak Street to Glenwood Place; in Glenwood Place to a point 450 feet \pm south of Oak Street; in a 20-foot easement on a southerly prolongation of Greenwood Place for a distance of 400 feet \pm ; in Glenwood Place to the south side of the first alley north of Alameda Avenue; in a 30-foot right of way on alignment shown to Alameda Avenue. The construction of a reinforced concrete box in a 20-foot easement on alignment shown from Alameda Avenue to an existing structure in Riverside Drive.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Easement "A"

A strip of land 20 feet wide beginning at the northwesterly line of Lot 8, Tract No. 6576, thence southeasterly on the southerly prolongation of Glenwood Place as shown on Tract No. 7282, a distance of 400 feet, more or less, to the southeasterly line of said Lot 8.

Right of Way "B"

A strip of land 30 feet wide in Lots 4 and 5, Tract No. 6576 extending from the north line, Alameda Avenue, 311 feet, more or less to the first alley north of Alameda Avenue.

Easement "C"

A strip of land 20 feet wide approximately 400 feet westerly of and parallel to Main Street extending southerly from Alameda Avenue 579 feet, more or less; thence a distance of 690 feet, more or less, in a southeasterly direction to the intersection of the southerly extremity of Main Street with the Burbank City boundary.

The location, limits, type of work proposed and the rights of way or easements required are shown on the plan, profiles, and sections—Plate 4-E, Sheets 1 and 2.

The estimated costs of this project is \$565,500.

PROJECT NO. 170

Alameda Avenue and Verdugo Avenue Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Glenoaks Boulevard from Elmwood Avenue to Alameda Avenue; in Alameda Avenue to a point 315 feet, more or less, northeasterly of the center line of Flower Street. The construction of a reinforced concrete box in Alameda Avenue from above pipe to Burbank Western channel.
- B. The construction of a reinforced concrete pipe in Front Street from Tujunga Avenue to Verdugo Avenue; in Verdugo Avenue to Burbank Western channel.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 5-E, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$495,000.

PROJECT NO. 172

Magnolia Boulevard and Victory Boulevard Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Glenoaks Boulevard from Cypress Avenue to Magnolia Boulevard; in Magnolia Boulevard to a point 200 feet, more or less, northeasterly of Front Street. The construction of a reinforced concrete box in Magnolia Boulevard from above pipe to Burbank Western channel.

- B. The construction of a reinforced concrete pipe in Victory Boulevard from Buena Vista Street to the intersection of Victory Boulevard and Burbank Boulevard; in Burbank Boulevard to a point 110 feet, more or less, easterly thereof. The construction of a reinforced concrete box in Burbank Boulevard from above to the Lockheed Storm Drain.

No rights of way or easements are required for the above construction.

The location, limits, and types of work proposed are shown on the plan, profile, and sections—Plate 7-E, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$506,700.

PROJECT NO. 174

Scott Road Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Eton Drive from Sixth Street to Scott Road. The construction of a reinforced concrete box in Scott Road from Eton Drive to San Fernando Boulevard and Amherst Drive; in Amherst Drive to Broadway; in Broadway to the Burbank Western Channel (proposed extension).
- B. The construction of a reinforced concrete pipe in Sixth Street from Tuffs Avenue to Birmingham Road; in Birmingham Road to first alley east of Scott Road; in first alley to Andover Drive; in Andover Drive to drain "A" in Scott Road.
- C. The construction of a reinforced concrete pipe in San Fernando Boulevard from Bethany Road to drain "A" in Scott Road.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 9-E, Sheets 1 and 2.

The estimated cost of this project is \$912,900.

PROJECT NO. 186

Lake-Kewen Drain

The plan contemplates the construction of a reinforced concrete pipe in a 15-foot easement from an existing drain approximately 50 feet south of Encino Drive to Encino Drive; in Encino Drive to Kewen Drive; in Kewen Drive to Lake Avenue; in Lake Avenue to Green Street; in Green Street to El Molino Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work, is as follows:

Oak Knoll Sheet "C" Maps 16-18, 19

A strip of land 15 feet wide beginning at the south line of Encino Drive thence southerly approximately 50 feet to an existing drain.

The location, limits, rights of way or easements required and type of work proposed are shown on the plan, profiles, and section—Plate 1-F, Sheets 1 and 2.

The estimated cost of this project is \$552,800.

PROJECT NO. 187

Allen Avenue Drain

The plan contemplates the construction of a reinforced concrete pipe in Allen Avenue from an existing drain in Allen Avenue approximately 200 feet south of Blanche Street, to Washington Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 2-F, Sheets 1 and 2.

The estimated cost of this project is \$600,800.

PROJECT NO. 188

Mountain Street Drain

The plan contemplates the construction of a reinforced concrete pipe in Lincoln Avenue from an existing drain crossing Lincoln Avenue at Seco Street to Mentone Avenue; in Mentone Avenue to Manzanita Avenue; in Manzanita Avenue to Mountain Street; in Mountain Street to Summit Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 3-F, Sheets 1 and 2.

The estimated cost of this project is \$325,500.

PROJECT NO. 189

Hill Avenue - Mar Vista Avenue Drain

The plan contemplates the construction of a reinforced concrete pipe in Hill Avenue from an existing drain crossing Hill Avenue approximately 150 feet south of Walnut Street to Orange Grove Avenue; in Orange Grove Avenue to Mar Vista Avenue; in Mar Vista Avenue to Washington Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 4-F, Sheets 1 and 2.

The estimated cost of this project is \$433,800.

PROJECT NO. 190

Old Mill Road and Los Robles Avenue Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Old Mill Road from an existing concrete box at Doresta Road to an existing drain in El Molino Avenue.
- B. The construction of a reinforced concrete pipe in Los Robles Avenue from an existing drain in Los Robles Avenue 350 feet, more or less, north of Oakland Avenue, to Del Mar Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 5-F, Sheets 1 and 2.

The estimated cost of this project is \$413,100.

PROJECT NO. 191

Paloma Street and Washington Street (East of Pepper Drive) Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Paloma Street from the Eaton Wash Channel to Palo Verde Avenue.
- B. The construction of a reinforced concrete pipe in Washington Street from Pepper Drive to N. Foothill Boulevard; in a 15-foot easement and a prolongation of Washington Street to Eaton Wash.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Bonestell Tract, M.R. 4-572

A strip of land 15 feet wide beginning at the east line N. Foothill Boulevard thence easterly a distance of 1500 feet, more or less, to the Eaton Wash. Said easement lying within the proposed future extension of Washington Street.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 6-F, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$513,600.

PROJECT NO. 192

Forest Avenue Drain

The plan contemplates the construction of a reinforced concrete pipe in Lincoln Avenue from an existing storm drain crossing Lincoln Avenue at Seco Street to Forest Avenue; in Forest Avenue to Canada Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 7-F, Sheets 1 and 2.

The estimated cost of this project is \$312,800.

PROJECT NO. 193

Glen Avenue Drain

The plan contemplates:

- A. The construction of a reinforced concrete box in Glen Avenue from an existing drain in Hammond Street to Claremont Street and a reinforced concrete pipe in Glen Avenue from Claremont Street to Montana Street.
- B. The construction of a reinforced concrete pipe in Howard Street from drain "A" in Glen Avenue to Raymond Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 8-F, Sheets 1 and 2.

The estimated cost of this project is \$362,600.

PROJECT NO. 194

Catalina Avenue and Washington Street (West of El Molino Avenue) Drains

The plan contemplates:

- A. The construction of a reinforced concrete box and pipe in Claremont Street from an existing drain crossing Claremont Street approximately 200 feet west of Palm Terrace to Hudson Avenue; in Hudson Avenue to Washington Street; in Washington Street to Catalina Avenue; in Catalina Avenue to Elizabeth Street.
- B. The construction of a reinforced concrete pipe in Washington Street from an existing drain crossing Washington Street approximately 100 feet east of El Molino Avenue to Garfield Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 9-F, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$304,700.

PROJECT NO. 195

Sierra Madre Blvd. Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Sierra Madre Boulevard from a proposed drain at the San Marino City boundary to Vinedo Street.

B. The construction of a reinforced concrete pipe in Walnut Street from Drain "A" where it crosses Walnut Street to Greenwood Avenue.

No rights of way or easements are required for the above construction.

The location, limits and type of work proposed are shown on the plan, profiles, and section—Plate 10-F, Sheets 1 and 2.

The estimated cost of this project is \$478,000.

PROJECT NO. 198

Laguna Canyon Drain

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot easement from an existing drain on the south side of Nithsdale Road to Johnson's Lake.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Tract No. 11361, Maps 211-25, 26

A strip of land 20 feet wide along the easterly line of lots 11 through 17 and extending on a straight extension of said easterly line to the southerly line of lot 18, a distance of 670 feet, more or less.

Cheviotdale Tract, M.R. 13-74, 75

A strip of land 20 feet wide along the easterly line of lot 2, a distance of 500 feet, more or less.

Tract No. 240, Maps 14-8

A strip of land 20 feet wide beginning at the south line of lot 2 Cheviotdale Tract, thence in a line which is a continuation of the last mentioned line across portion of lot 6 of above mentioned Tract 240 to the southerly line of said lot 6, Tract 240, a distance of 180 feet, more or less.

San Rafael Heights Tract No. 8, Sheet No. 2, Maps 13-56

A strip of land 20 feet wide beginning at the last mentioned point running southerly in a straight line to a point on the north line of La Loma Road distant 125 feet west of the west line of Laguna Road, a distance of 690 feet, more or less.

San Rafael Heights Tract No. 8, Sheet No. 3, Maps 14-30, 31

A strip of land 20 feet wide, beginning at a point on the southerly line of La Loma Road 107 feet, more or less, west of the west line of Laguna Road, thence southerly to the existing Johnson's Lake in lot 74, a distance of 280 feet, more or less.

The location, limits, rights of way and easements required, and type of work proposed are shown on the plan, profile, and section—Plate 13-F, Sheets 1 and 2.

The estimated cost of this project is \$99,600.

PROJECT NO. 200

Lower Hastings Mesa - East Foothill Boulevard and Greenhill Road Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in a 20-foot easement from a proposed drain in East Foothill Boulevard to the proposed Rosemead Boulevard Extension.
- B. The construction of a reinforced concrete pipe in East Foothill Boulevard from a proposed drain in Michillinda Avenue to Sierra Madre Villa Avenue.
- C. The construction of a reinforced concrete pipe in Greenhill Road from a proposed drain in Michillinda Avenue to Cliff Drive.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Santa Anita Rancho Patents 1-97, 98

A strip of land 20 feet wide beginning at a point in the north line of East Foothill Boulevard, a distance of 845 feet, more or less, west of the center line of Rosemead Boulevard; thence north to the proposed Rosemead Blvd. extension, a distance of 750 feet, more or less; said strip being east of and adjacent to the Los Angeles County Sanitation District easement for sanitary sewer.

The location, limits, rights of way or easements required and type of work proposed are shown on the plans, profiles, and sections—Plate 15-F, Sheets 1 to 6, inclusive.

The estimated cost of this project is \$424,800.

PROJECT NO. 216

Ruby Canyon Storm Drain

The plan contemplates the construction of an inlet works in an acre right of way, more or less, in Ruby Canyon, and a reinforced concrete pipe in a 50-foot right of way from above inlet works to Scenic Drive; in Scenic Drive to Myrtle Avenue; in Myrtle Avenue to Duarte Road; and in Duarte Road to the existing Monrovia Storm Drain, approximately 850 feet west of Peck Road.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

A strip of land 50 feet wide beginning at the most northerly intersection of Scenic Drive and Encinitas Avenue, thence in a northeasterly direction approximately two hundred feet, and an additional one acre more or less, in Ruby Canyon.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 1-G, Sheets 1 and 2.

The estimated cost of this project is \$712,200.

PROJECT NO. 221

Laguna Wash Storm Drain

The plan contemplates the construction of a reinforced concrete box in a 15-foot right of way along alignment shown from a City of South Pasadena drain, near the intersection of Raymond Avenue and Alhambra Road; to the intersection of Larch Street and Palm Avenue; from Palm Avenue to Cedar Street; from Cedar Street to Main Street; from Main Street to Poplar Boulevard near its intersection with Primrose Avenue; in Poplar Avenue to a 15-foot easement adjacent to, and east of, the easterly property line of Cypress Avenue; in above easement to Commonwealth Avenue; in Commonwealth Avenue to Fremont Avenue; in Fremont Avenue approximately 500 feet. The construction of a reinforced concrete arch in a 17.70-foot easement along alignment shown, from Fremont Avenue to a Los Angeles City storm drain at the city boundary.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

A strip of land 15 feet wide beginning at the south property line of Alhambra Road near the intersection of Raymond Avenue and Alhambra Road, and meandering in a southwesterly direction to the east property line of Palm Avenue near the intersection of Palm Avenue and Larch Street, a distance of approximately 1,347 feet.

A strip of land 15 feet wide beginning at the west property line of Palm Avenue near the intersection of Palm Avenue and Larch Street, and meandering in a southwesterly direction to the north property line of Cedar Street, a distance of approximately 372 feet.

A strip of land 15 feet wide beginning at the south property line of Cedar Street and meandering in a southerly direction to the northwesterly property line of Main Street, a distance of approximately 344 feet.

A strip of land 15 feet wide beginning at the southwesterly property line of Main Street and meandering in a southwesterly direction to the north property line of Poplar Boulevard near the intersection of Poplar Boulevard and Primrose Avenue, a distance of approximately 544 feet.

A strip of land 15 feet wide beginning at the south property line of Poplar Boulevard near the intersection of Poplar Boulevard and Cypress Avenue and continuing south approximately parallel to, and east of, said Cypress Avenue to the north property line of Commonwealth Avenue, a distance of approximately 1,220 feet.

A strip of land 17.70 feet wide beginning at the west property line of Fremont Avenue near the intersection of Fremont Avenue and Concord Avenue, and meandering in a southwesterly direction to the West City boundary south of Concord Avenue, a distance of approximately 3,761 feet.

The location, limits, types of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-H, Sheets 1 and 2.

The estimated cost of this project is \$1,504,900.

PROJECT NO. 222
Second Street Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in the alley between Fourth and Fifth Streets; from San Marino Avenue to the first alley north of Valley Boulevard. The construction of a reinforced concrete box in the first alley north of Valley Boulevard, from the alley between Fourth and Fifth Street to Second Street; in Second Street to Hellman Avenue and a proposed storm drain in Monterey Park.

No rights of way or easements are required for above construction.

The location, limits, and types of work proposed are shown on the plan, profile, and sections—Plate 2-H, Sheet 1.

The estimated cost of this project is \$499,700.

PROJECT NO. 236
Granada Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe, in an existing 20-foot easement, from the north boundary of the City of San Marino to an existing structure under Monterey Road.
- B. The construction of a reinforced concrete pipe, in a 40-foot easement, from a point 300 feet more or less, southeast of Monterey Road to an existing structure under Huntington Drive.
- C. The construction of an open reinforced concrete channel, in an existing 40-foot easement, from an existing drain 300 feet more or less, southeast of Sherwood Road to an existing channel northwesterly of the Southern Pacific Railroad right of way.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

City of San Marino

A strip of land 40 feet wide lying east of Oak Knoll Avenue, beginning 170 feet, more or less, southerly of Monterey Road and extending southerly along the course of an existing wash 1580 feet, more or less, to the north line of Huntington Drive.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 1-J, Sheets 1 and 2.

The estimated cost of this project is \$269,000.

PROJECT NO. 237
Melville Drive and Sierra Madre Boulevard Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Huntington Drive from Monterey Road to Ridgeway Road; in Ridgeway Road to Melville Drive; in Melville Drive to

an existing drain east of Del Mar Avenue. The construction of a reinforced concrete pipe in Melville Drive, from Lorain Road to an existing drain west of Rubio Drive.

- B. The construction of a reinforced concrete pipe, in a 30-foot right of way, from the north boundary of the City of San Marino, to an existing drain in Canterbury Road.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Pacific Electric Railway

A strip of land 30 feet wide in the Pacific Electric Railway right of way (abandoned), beginning at a point in the north boundary line of the City of San Marino, thence southerly in said right of way 2100 feet, more or less, to an existing drain crossing said right of way.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 2-J, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$376,200.

PROJECT NO. 241

Cabrillo Avenue Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in 222nd Street from Plaza del Amo to Arlington Avenue; in Arlington Avenue to 220th Street; in 220th Street to Cabrillo Avenue; in Cabrillo Avenue to Torrance Boulevard and 212th Street; the construction of a reinforced concrete box in Torrance Boulevard to a point 200 feet westerly of the city boundary; in a 30-foot easement to Western Avenue and a proposed drain.
- B. The construction of a reinforced concrete pipe in a 20-foot easement across Pacific Electric Railroad right of way from drain "A" in Torrance Boulevard (south) to Torrance Boulevard (north); in Torrance Boulevard to Border Avenue; in Border Avenue to Dominguez Street; in Dominguez Street to the easterly side of Sartori Avenue; in a 15-foot easement on the westerly prolongation of Dominguez Street across the Pacific Electric Railroad right of way to the westerly side of Sartori Avenue and Dominguez Boulevard; in Dominguez Boulevard to Crenshaw Boulevard.
- C. The construction of a reinforced concrete pipe in Torrance Boulevard from drain "A" to Engracia Avenue.
- D. The construction of a reinforced concrete pipe in Carson Avenue from drain "A" to Gramercy Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

“A” Right of Way

City Property

A strip of land 30 feet in width beginning at a point 100 feet westerly of the northeasterly corner of Tract 5944, then in a southeasterly direction to a point 100 feet south of said northeasterly corner of Tract 5944.

“B” Right of Way

Pacific Electric Railroad Right of Way

A strip of land 20 feet in width across the Pacific Electric Railroad right of way, along an easterly prolongation of Torrance Boulevard (north) from the easterly line of Torrance Boulevard (north) to the westerly line of Torrance Boulevard (south). A strip of land 15 feet wide across the Pacific Electric Railroad right of way along the westerly prolongation of Dominguez Street from the easterly side of Sartori Avenue to the westerly side of Sartori Avenue.

The location, limits, types of work proposed, and rights of way or easements required are shown on the plans, profiles, and sections—Plate 1-K, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$834,300.

PROJECT NO. 242

Arlington Avenue and Glenburn Avenue Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Arlington Avenue from Redondo Beach Boulevard to Dominguez Channel.
- B. The construction of a reinforced concrete pipe and box in Glenburn Avenue from 300 feet, more or less, south of 175th Street to 170th Street; in a 25-foot easement from 170th Street to Dominguez Channel.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

“B” Right of Way

A strip of land 25 feet in width along the northerly prolongation of Glenburn Avenue from the northerly line of 170th Street, thru Lot 12 of L. S. Map 13-50, thru the Pacific Electric right of way (abandoned) and thru Lot 69 of the La Fresa Tract to the southerly line of Cherry Street; from the northerly line of Cherry Street, on a line common to Lots 35 and 36, Tract 17689, and across Lot 47 of the McDonald Tract 925 feet, more or less, to the Dominguez Channel Flood Control right of way.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plans, profiles, and sections—Plate 2-K, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$362,600.

PROJECT NO. 245
Walteria Sump Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot easement in Tract No. 15, and along the northerly side of the Torrance Municipal Airport from 248th Street and Pennsylvania Avenue to a drainage sump located at the northwesterly corner of 236th Street and Madison Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

City Property

A strip of land 20 feet in width across the northerly side of Torrance Municipal Airport from Madison Avenue on the westerly side of the Airport to the City Boundary line on the easterly side of the Airport.

Tract 15 M.B. 12-189

A strip of land 20 feet in width across the southwesterly corner of Lot 72, and from the northwesterly corner of Lot 92 to the southeasterly corner of said Lot 92, Tract 15.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and section—Plate 5-K, Sheets 1 and 2.

The estimated cost of this project is \$338,700.

PROJECT NO. 246
Twenty-Sixth Street and Georgina Avenue Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Twenty-Sixth Street, from the existing Kenter Canyon Storm Drain at Broadway to Idaho Avenue.
- B. The construction of a reinforced concrete pipe in Wilshire Boulevard, from drain "A" to Harvard Street.
- C. The construction of a reinforced concrete pipe in California Avenue, from drain "A" to Chelsea Avenue.
- D. The construction of a corrugated metal pipe in an 8-foot easement from an existing channel in Santa Monica Canyon to a point on the prolongation of Seventeenth Street approximately 250 feet northwest of San Vicente Boulevard; the construction of a reinforced concrete pipe in an 8-foot easement from above pipe to San Vicente Boulevard and Seventeenth Street; in San Vicente Boulevard to Twenty-First Place; in Twenty-first Place to Georgina Avenue; in Georgina Avenue to Twenty-sixth Street; in Twenty-sixth Street to Brentwood Terrace; in Brentwood Terrace to the first alley northeast of Twenty-sixth Street; in alley to an existing drain.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 1-L, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$567,000.

PROJECT NO. 248

Montana Avenue Storm Drains

The plan contemplates the construction of a corrugated metal pipe on City property in a 10-foot easement, from mean high tide line to Palisades Beach Road; the construction of a reinforced concrete box in Palisades Beach Road; the construction of a reinforced concrete pipe in City property from Palisades Beach Road to Ocean Avenue; in Montana Avenue from Ocean Avenue to Twentieth Street.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 3-L, Sheets 1 and 2.

The estimated cost of this project is \$489,700.

PROJECT NO. 249

Lincoln - Pico - Kenter - Storm Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Lincoln Boulevard from Pico Boulevard to Navy Street; the construction of a reinforced concrete box in Navy Street from Lincoln Boulevard to Longfellow Street; in Longfellow Street to the City limits of Santa Monica and a proposed drain.
- B. The construction of a reinforced concrete pipe in Fifth Street from Strand Street to Bay Street; in Bay Street to Fourth Court; in Fourth Court to Pico Boulevard; in Pico Boulevard to an existing drain at Main Street.
- C. The construction of a reinforced concrete channel along a prolongation of Pico Boulevard from an existing channel to the mean high tide line.
- D. The construction of a corrugated metal pipe on City of Santa Monica property from an existing drain to the mean high tide line.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profiles, and sections—Plate 4-L, Sheets 1 to 7, inclusive.

The estimated cost of the project is \$555,000.

PROJECT NO. 256

Glenoaks Boulevard Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in 6th Street, from Hubbard Avenue to Pacoima Wash.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile and section—Plate 1-M, Sheets 1 and 2.

The estimated cost of this project is \$382,300.

PROJECT NO. 261
South Pasadena Storm Drain System

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Oak Street from Stratford Avenue to Marengo Avenue; in Marengo Avenue to Huntington Drive, in a 40-foot right of way to Alhambra Road; the construction of a reinforced box in Alhambra Road to Laguna Drain.
- B. The construction of a reinforced concrete pipe in Orange Grove Avenue, from Orange Grove Place to Hawthorne Street; in Hawthorne Street and Pasadena Avenue to the Union Pacific Railroad right of way; in a 20-foot easement thru the Union Pacific right of way and Arroyo Park to Arroyo Seco Channel.
- C. The construction of a reinforced concrete pipe in Mission Street from Orange Grove Avenue to the Union Pacific Railroad right of way; in a 20-foot easement thru the Union Pacific right of way and Arroyo Park to Arroyo Seco Channel.
- D. The construction of a reinforced concrete pipe in Columbia Street from Beacon Avenue to Fairview Avenue; in Fairview Avenue to Buena Vista Street; in Buena Vista Street to Fremont Avenue; in Fremont Avenue to Fremont Lane; in Fremont Lane to Verde Lane; in Verde Lane to the combined rights of way of the Union Pacific Railroad and A. T. & S. F. Railroad; in a 20-foot easement through said combined rights of way and Lot 9, Tract No. 246 to Mound Avenue; in Mound Avenue to an existing drain.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

“A” Right of Way

A strip of land forty feet wide beginning at the south line of Huntington Drive and the easterly line of the Southern Pacific Railroad right of way, thence southerly adjacent to the Southern Pacific right of way thru Tracts, Addition No. 4 to Oneonta Park, MB 11-193, Lot 5, Blk. 8, MR 5-351—MB 14-128, and Tract No. 522, MB 16-28, a distance of 2,000 feet, more or less, to the north line of Alhambra Road.

“B” Right of Way

Union Pacific Railroad (Permit)

A strip of land 20 feet wide from a right of way line common to the Union Pacific Railroad and Pasadena Avenue, to a right of way line common to the Union Pacific Railroad and Arroyo Park.

Arroyo Park

A strip of land 20 feet wide thru Arroyo Park from the above Union Pacific Railroad right of way to Arroyo Seco Channel right of way.

“C” Right of Way

Union Pacific Railroad

A strip of land 20 feet wide from a right of way line common to the Union Pacific Railroad and Arroyo Drive, to a right of way line common to the Union Pacific Railroad and Arroyo Park.



Photo by the Los Angeles Times.

Benedict Canyon Drive looking north.

Benedict Canyon Drain, Project No. 45, will provide an underground conduit to carry these flood waters.

Arroyo Park

A strip of land 20 feet wide thru Arroyo Park from the above Union Pacific Railroad right of way to Arroyo Seco Channel right of way.

"D" Right of Way

Union Pacific and A. T. & S. F. Railroads

A strip of land 20 feet wide on the alignment of Verde Lane produced from a line common to Verde Lane and the combined railroad rights of way to the northwest line of Lot No. 9, Tract No. 246.

Tract No. 246, M.B. 15-18

A strip of land 20 feet wide on above alignment thru Lot No. 9, Tract No. 246 MB 15-18 from the above last mentioned line to Mound Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plans, profiles, and sections—Plate 1-N, Sheets 1 to 8, inclusive.

The estimated cost of this project is \$671,900.

PROJECT NO. 266

Freeway

The plan contemplates the construction of a reinforced concrete pipe paralleling the north side of a proposed Freeway from San Antonio Avenue to Park Avenue and Preciado Street; in Preciado Street to an existing channel in Ganesha Park.

A general description of the lands, easements, rights of way, and property to be taken, acquired, or injured in carrying out this work, is as follows:

A strip of land 30 feet wide lying north of and parallel to the right of way of the Ramona Freeway between Orange Grove Avenue and McKinley Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-P, Sheets 1 and 2.

The estimated cost of this project is \$606,300.

PROJECT NO. 267

Reservoir Avenue

The plan contemplates the construction of a reinforced concrete pipe in Mountain Avenue from the proposed Freeway to San Bernardino Avenue; in San Bernardino Avenue to Washington Avenue; in Washington Avenue and an alley between Washington and Reservoir Avenues to Holt Avenue; in Holt Avenue to Reservoir Avenue; in Reservoir Avenue to Grand Avenue; in Grand Avenue to Signal Drive; in Signal Drive to Phillips Boulevard; in Phillips Boulevard to San Antonio Creek.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 1-P, Sheets 1, 3 and 4.

The estimated cost of this project is \$1,201,700.

PROJECT NO. 268

Garvey Avenue

The plan contemplates the construction of a reinforced concrete pipe and box in 9th Street from Towne Avenue to Gibbs Street; in Gibbs Street to Phillips Boulevard; in Phillips Boulevard to Garey Avenue; in Garey Avenue to Chino Creek.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and sections—Plate 1-P, Sheets 1 and 5.

The estimated cost of this project is \$1,205,000.

PROJECT NO. 271

Fairview Drain And Hyde Park Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in a 20-foot easement from the City of Los Angeles boundary to 64th Street; in the 1st and 2nd alleys west of LaBrea Avenue to Fairview Boulevard; in Fairview Boulevard to the 1st alley west of LaBrea Avenue; in the 1st alley west of LaBrea Avenue to an existing storm drain in Hillsdale Street.
- B. The construction of a reinforced concrete pipe in a 20-foot easement from the terminus of an existing storm drain north of Plymouth Street to Plymouth Street; From Plymouth Street to Lamos Street; in Lamos Street to Hyde Park Boulevard; in Hyde Park Boulevard to an easement west of Inglewood Avenue; in a 20-foot easement to Industrial Avenue; in Industrial Avenue and 20-foot easement in the Pacific Electric Railway right of way to Ballona Street; in a 20-foot easement from Ballona Street to drain "C" in Meadowbrook Lane.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

"A" Right of Way

A strip of land 20 feet in width in a part of the NW 1/4 and SW 1/4, Sec. 21, T2S, R 14 W.S.B.M. beginning at the north line of 64th Street then northerly 260 feet to an existing drain.

"B" Right of Way

Orpington Tract, M.B. 8-200

A strip of land 20 feet in width from the least line of Lot 45 to the south line of Lot 45; the westerly 20 feet of Lots 35 to 44, inclusive.

Inglewood Poultry Colony—Sheet No. 2, M.B. 14-20

A strip of land 20 feet in width thru Lots 57 and 58; the southeasterly 20 feet of Lots 66 to 75, inclusive.

Pacific Electric Railway

A strip of land 20 feet in width from the south line of Industrial Avenue to the north line of Ballona Street.

Tract No. 590, M.B. 17-29

A strip of land 20 feet in width thru Lots 13 and 14.

The location, limits, type of work proposed and rights of way or easements required, are shown on the plan, profile and section—Plate 1-R, Sheets 1 and 2.

The estimated cost of this project is \$345,300.

PROJECT NO. 273

Centinela Creek Drain

The plan contemplates:

- C. The construction of a reinforced concrete pipe in a 20-foot easement from Ivy Avenue to Ballona Street and Meadowbrook Lane; in Meadowbrook Lane to a point approximately 1300 feet west of Ballona Street; the construction of a reinforced concrete box in Meadowbrook Lane from last mentioned point to its westerly terminus; in a 25-foot easement from western terminus of Meadowbrook Lane to an existing channel west of Freeman Avenue.
- D. The construction of a reinforced concrete pipe in Beach Avenue from the first angle point in Beach Avenue northeasterly of Edgewood Street, approximately 420 feet southwesterly to an existing storm drain.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

“C” Right of Way

Tract No. 511, M.B. 15, 102, 103

A strip of land 20 feet in width from the westerly line of Eucalyptus Avenue to the northeast line, Pacific Electric Railroad right of way; and a strip of land 20 feet in width thru the easement of the central outfall sewer (City of Los Angeles).

Pacific Electric Railway Right of Way

A strip of land 20 feet in width from the northeasterly line of right of way to the southwesterly line of right of way opposite Meadowbrook Lane.

Block 101

Part of the townsite of Inglewod, M.R. 84-77—M.R. 34-82.

A strip of land 25 feet in width thru Lots 5, 6, and fractional Lot 7.

Tract No. 4454, M.B. 48-21

A strip of land 25 feet in width thru Lots 19 and 20; 28, 29, and 30; 69, 70 and 71.

The location, limits, type of work proposed, and rights of way or easements required, are shown on the plan, profile and sections—Plate 3-R, Sheet 1.

The estimated cost of this project is \$358,700.

PROJECT NO. 276

Wilcox Avenue and Park Avenue Drain

The plan contemplates:

- A. The construction of a reinforced concrete pipe in a 20-foot easement from the easterly line of land controlled by the Roman Catholic Arch Bishop of Los Angeles, to the northerly boundary line of the City of Montebello.
- B. The construction of a reinforced concrete pipe in Wilcox Avenue from drain "A" to Pomona Boulevard.
- C. The construction of a reinforced concrete pipe from an existing drain in Mines Avenue across lands owned by Los Angeles County; thru an existing arch culvert across Union Pacific R.R. R.O.W.; in a 30-foot easement to Park Avenue; in Park Avenue to Whittier Boulevard; in Whittier Boulevard from Park Avenue to an existing culvert approximately 200 feet east of Park Avenue.
- D. The construction of a reinforced concrete pipe in Olympic Boulevard from drain "C" in Park Avenue to an existing culvert approximately 125 feet east of Park Avenue.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Lands Owned by John W. & Velma Dawson

A strip of land 20 feet wide beginning at the easterly line of lands controlled by the Roman Catholic Archbishop of Los Angeles, said easterly line being approximately five hundred feet easterly of Garfield Avenue; thence northeasterly 275 feet, more or less, to a point in the westerly line of land owned by Monterey Park Land Corporation.

Lands Owned by Monterey Park Land Corporation

A strip of land 20 feet wide beginning at the last above described point; thence northeasterly 390 feet, more or less, to the westerly line of Wilcox Avenue.

A strip of land 20 feet wide beginning at easterly line of Wilcox Avenue; thence northeasterly approximately eighteen hundred feet to the north boundary line of the City of Montebello.

Los Angeles County Property

A strip of land, 20 feet wide, beginning at the northerly line of Mines Avenue; thence northerly approximately 565 feet across lands owned by Los Angeles County to the southerly line of the Union Pacific Railroad right of way.

Union Pacific Railroad Right of Way

Thru an existing arch culvert on Union Pacific Railroad right of way.

Tract No. 8325, M.B. 121-29

A 30-foot easement beginning at the northerly line of the Union Pacific Railroad right of way; thence northeasterly in front of Lots 51 and 52 to the westerly line of Park Avenue.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile and sections—Plate 1-S, Sheets 1 to 4, inclusive.

The estimated cost of the project is \$328,800.

PROJECT NO. 281**Orange Avenue Drain**

The plan contemplates the construction of a reinforced concrete pipe in Orange Avenue from Russell Avenue to Riggin Avenue; in Riggin Avenue to Wilcox Avenue; in Wilcox Avenue to a proposed drain at Pomona Boulevard.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 1-N, Sheets 1 and 2.

The estimated cost of this project is \$160,100.

PROJECT NO. 286**Thirty-First Street Line**

This plan contemplates the construction of a reinforced concrete pipe or alternate horseshoe arch in Thirty-first Street from the Ocean outlet to Grandview Street; in a 20-foot easement to Bell Avenue; in Thirty-first Street to Poinsettia Avenue; in Poinsettia Avenue to Valley Drive; in a 20-foot easement across the A. T. & S. F. Railroad right of way; in Poinsettia Avenue to Marine Avenue; in Marine Avenue to Pine Avenue; and in Pine Avenue to Nineteenth Street.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

Atchison, Topeka, and Santa Fe Railroad Right of Way

A strip of land 20 feet wide between the intersections of the northerly portion of Poinsettia Avenue and the southerly portion of Poinsettia Avenue with said right of way, a distance of 175 feet, more or less.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-U, Sheets 1 and 2.

The estimated cost of this project is \$955,400.

PROJECT NO. 291

Imperial Highway - El Segundo Boulevard - 135th Street Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in El Segundo Boulevard from a point 1,500 feet westerly of Aviation Boulevard to Aviation Boulevard.
- B. The construction of a reinforced concrete pipe in a 20-foot easement along alignment shown from Aviation Boulevard 1,320 feet, more or less, west to a point, then north 150 feet, more or less, to the A. T. & S. F. Railroad right of way.
- C. The construction of a reinforced concrete pipe in Imperial Boulevard from Main Street to the Pacific Ocean.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work, is as follows:

A strip of land 20 feet in width, lying 10 feet each side of the following described center line: beginning at the southeast corner of the southeast one-quarter of the northeast one-quarter of Section 18, T3S, R14W, S. B. B. & M.; and running thence westerly along the south line of said southeast one-quarter of the northeast one-quarter of Section 18, a distance of 1,320 feet, more or less, to the southwest corner of said southeast one-quarter of the northeast one-quarter of Section 18; thence, northerly along the west line of said southeast one-quarter of the northeast one-quarter of said Section 18, 150 feet, more or less, to an intersection with the A. T. & S. F. Railroad right of way.

The location, limits, type of work proposed, and rights of way or easements required, are shown on the plan, profiles, and section—Plate 1-V, Sheets 1 and 2.

The estimated cost of this project is \$594,800.

PROJECT NO. 296

Hermosa Drive - Mission Drive - Central Avenue - and Valley Boulevard Drains

The plan contemplates:

- A. The construction of a reinforced concrete pipe in Hermosa Drive from San Marino Avenue to Rubio Wash near California Street.
- B. The construction of a reinforced concrete pipe in Mission Drive from Rosenda Street to an existing drain at San Gabriel Boulevard.
- C. The construction of a reinforced concrete pipe in Central Avenue from Palm Avenue to a proposed drain at San Gabriel Boulevard.
- D. The construction of a reinforced concrete pipe in Valley Boulevard from San Gabriel Boulevard to Euclid Avenue; in Euclid Avenue to Dewey Street; in Dewey Street to a proposed drain in Strathmore Avenue.
- E. The construction of a reinforced concrete pipe in Valley Boulevard from Palm Avenue drain "D" in Euclid Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plans, profiles, and sections—Plate 1-W, Sheets 1 to 4, inclusive.

The estimated cost of this project is \$661,800.

PROJECT NO. 301
Merced Walnut Drain

The plan contemplates the construction of a reinforced concrete pipe in Merced Avenue from a point approximately 1100 feet east of Lark Ellen Avenue to Walnut Avenue; in Walnut Avenue and Echelon Avenue to Amar Road; in a 30-foot easement to proposed Puente Creek.

A general description of the lands, easements, rights of way and property proposed to be taken, acquired, or injured in carrying out this work is as follows:

A strip of land 30 feet wide from the south line of Amar Road to proposed Puente Creek right of way, as shown on Plan No. 138-D3.1, Los Angeles County Flood Control District.

The location, limits, type of work proposed and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-X, Sheets 1 and 2.

The estimated cost of this project is \$518,300.

PROJECT NO. 306
Redondo Beach Boulevard

The plan contemplates the construction of a reinforced concrete pipe in Redondo Beach Boulevard, from 100 feet east of Ruthellen Place to a proposed drain in Arlington Avenue.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 1-Y, Sheets 1 and 2.

The estimated cost of this project is \$105,400.

PROJECT NO. 311
Colorado Boulevard

The plan contemplates the construction of a reinforced concrete pipe in Colorado Boulevard from Santa Anita Avenue to Santa Anita Wash.

No rights of way or easements are required for the above construction.

The location, limits, and type of work proposed are shown on the plan, profile, and section—Plate 1-Z, Sheet 1.

The estimated cost of this project is \$113,700.

PROJECT NO. 320
Harrow Canyon Storm Drain

The plan contemplates the construction of a reinforced concrete pipe in a 20-foot easement, from an inlet structure in Harrow Canyon 820 feet, more or less, northerly of East Palm Drive to Leodora Avenue; the construction of a reinforced concrete channel in a 20-foot easement from Leodora Street to Little Dalton Wash.

A general description of the lands, easements, rights of way, and property proposed to be taken, acquired or injured in carrying out this work, is as follows:

Section 30, T. 1 N., R. 9 W., S.B.B.M.

A strip of land 20 feet wide, beginning at a point in the westerly line of the NE 1/4, SE 1/4, SE 1/4 of said section 170 feet southerly of the NW corner of said section; thence northerly in a direct line to the NW corner of said section, a distance of 830 feet, more or less, to a point.

Tract 14280, M.B. 421-42 — Tract 17947, M.B. 434-31

Beginning at the last above described point, thence northerly in a direct line along the southerly prolongation of the westerly line of Lot 9 of Tract 14280, and along the westerly line of said Lot 9 and the westerly lines of Lot 9, 24, and 41 of Tract 17947 to the NW corner of the aforesaid Lot 41, a distance of 632 feet, more or less, to a point.

Section 30, T. 1 N., R. 9 W., S.B.B.M.

Beginning at the last above described point; thence northerly in a direct line to the SW corner of the SE 1/4, SE 1/4, NE 1/4 of said section 30, a distance of 30 feet; thence northerly in a direct line to the NW corner of the NE 1/4, NE 1/4, NE 1/4, of the aforesaid section 30, a distance of 2640 feet, more or less, to a point.

Section 19, T. 1 N., R. 9 W., S.B.B.M.

Beginning at the last above described point; thence northerly along the westerly line of the easterly one-half of the SE 1/4, SE 1/4 of said section, a distance of 818 feet, more or less, to the northerly end of the easement.

The location, limits, type of work proposed, and rights of way or easements required are shown on the plan, profile, and sections—Plate 1-AA, Sheet 1.

The estimated cost of this project is \$194,700.

GENERAL LOCATION OF THE PROPOSED WORK AND IMPROVEMENTS

Included herein is a map showing the general location of the proposed work and improvements, and lands, rights of way, easements and property to be taken, acquired or injured in carrying out the proposed work; and other pertinent information which will show the general program and the relationship of the various units to each other and the points of outlet of each storm drain system.

SUMMARY OF PROJECT UNITS AND THEIR ESTIMATED COST

Storm Drain Systems

<i>Project No.</i>	<i>Title</i>	<i>Estimated Cost</i>
1	East Compton Creek No. 1.....	\$4,597,400
2	Lomita Boulevard.....	965,900
3	Broadway	335,500
4	Crenshaw Boulevard.....	431,200
5	Alhambra-Monterey Park	1,511,900
6	East Compton Creek No. 2.....	9,714,800
7	Slauson-Sepulveda	544,800
8	Guirado Avenue	1,895,800
9	Los Cerritos	6,470,400
10	Normandie Avenue	1,048,700
11	Rosecrans Avenue.....	522,200
12	Manhattan Beach Boulevard.....	3,369,400
13	Inglewood Avenue-Century Boulevard	3,121,800
14	D.D.I. 26—Relief Trunk.....	4,977,300
15	Sorenson Avenue.....	2,261,800
16	Cerritos-Maplewood	2,466,000
17	Michigan Avenue.....	536,100
18	Firestone-Downey	1,085,600
19	Hollydale "A".....	2,935,100
20	Hollydale "B".....	798,900
21	Artesia-Norwalk	5,193,100
22	Claremont	912,300
23	El Monte	268,000
24	Michillinda Avenue.....	2,667,400
25	Peck Road.....	814,000
26	Southeast San Gabriel.....	167,000
27	Baldwin Avenue.....	717,600
28	88th Street-Vermont Avenue.....	148,000
29	East Whittier.....	289,800
30	Duarte	487,900
36	Van Nuys Boulevard-Tyrone Avenue	1,288,100
37	Woodman Avenue.....	577,100
38	Colfax Avenue-Lankershim Boulevard	838,200
39	Cahuenga Boulevard-Vineland Avenue.....	2,241,600
42	Brentwood	325,100
43	Bundy Drive-Bowling Green Way	914,300
44	Beverly Glen Boulevard.....	807,700
45	Benedict Canyon	1,382,000
46	Lincoln Boulevard-Indiana Avenue	2,606,900
51	Centinela Avenue.....	875,200
52	Palms District	1,134,400
53	Jefferson Boulevard.....	990,800
54	Pico Boulevard-Fairfax Avenue	1,370,800
55	Nichols Canyon.....	1,220,800
56	Holly Drive.....	137,700
57	Arroyo De La Sacatela.....	8,833,100

Storm Drain Systems (Cont'd)

<i>Project No.</i>	<i>Title</i>	<i>Estimated Cost</i>
58	South Central Business District	2,686,200
59	Central Business District.....	5,868,200
60	Tropico	951,700
61	Figueroa Street-Garvanza Avenue	255,800
62	North Main Street-Mission Road	1,780,200
64	Eastern Avenue.....	242,000
65	Dorchester Avenue	1,826,900
66	City Terrace.....	276,200
67	Hollenbeck Heights.....	2,971,700
70	Slauson Avenue—Section No. 6.....	3,055,000
71	Slauson Avenue—Section No. 3.....	1,440,400
73	Central Avenue-114th Street.....	5,339,800
74	Redondo Beach Boulevard-Figueroa Street	1,163,000
76	212 Street	412,300
77	Pacific Coast Highway-Western Avenue	715,100
78	Bixby Slough-Downing Street.....	797,600
79	Gaffey Street.....	752,900
81	Airport Boulevard-76th Street	1,068,600
83	Manchester Avenue-Sepulveda Boulevard	606,200
84	Slauson Avenue Relief.....	6,493,300
85	R/W North of S.P.R.R.-Coast Line	714,900
86	Boone Avenue-Olive Avenue.....	246,900
87	La Jolla Avenue-Fairfax Avenue Relief	1,393,100
88	Sepulveda Boulevard	279,200
89	Barry Avenue-Braddock Drive-Kelton Avenue	457,900
90	East Olympic Boulevard.....	771,900
91	Whitsett Avenue	562,400
93	Arroyo De Los Jardines.....	772,600
94	Hillrose Street.....	409,100
96	Reseda Boulevard	619,400
101	Wentworth Street	407,600
103	White Oak Avenue.....	1,002,800
106	Haskell Avenue	995,300
107	Branford Street-Cantara Street	558,300
108	Kester Avenue.....	1,289,800
112	Kelvin Channel	397,000
113	Aviation-96th Street	850,000
126	Pump District No. 4.....	511,800
127	Pump District No. 5.....	384,400
128	North Boundary Pump District	268,200
129	North Long Beach Pump District	1,358,700
130	Pump District No. 7.....	1,331,600
131	Long Beach Northeast.....	4,566,800
132	Seaside	1,268,600
133	Bouton Creek	356,600
146	Central Avenue-Glendale Avenue	1,504,000
152	Gardena Avenue-Railroad Street-Los Angeles Street.....	568,100

Storm Drain Systems (Cont'd)

<i>Project No.</i>	<i>Title</i>	<i>Estimated Cost</i>
156	Harvard Street-Wilson Avenue-Upper Central Avenue-Upper Glendale Avenue	497,700
166	Toluca Park-Alameda	595,600
167	Niagara Street.....	787,800
163	Frederic Street	453,600
169	Glenwood Place	565,500
170	Alameda Avenue-Verdugo Avenue	495,000
172	Magnolia Boulevard-Victory Boulevard	506,700
174	Scott Road	912,900
186	Lake-Kewen	552,800
187	Allen Avenue	600,800
188	Mountain Street.....	325,500
189	Hill Avenue-Mar Vista Avenue	433,800
190	Old Mill Road-Los Robles Avenue	413,100
191	Paloma Street-Washington Street	513,600
192	Forest Avenue	312,800
193	Glen Avenue.....	362,600
194	Catalina Avenue-Washington Street	304,700
195	Sierra Madre Boulevard.....	478,000
198	Laguna Canyon	99,600
200	Lower Hastings Mesa-East Foothill Boulevard-Greenhill Road	424,800
216	Ruby Canyon	712,200
221	Laguna Wash.....	1,504,900
222	2nd Street	499,700
236	Granada	269,000
237	Melville Drive-Sierra Madre Boulevard	376,200
241	Cabrillo Avenue.....	834,300
242	Arlington Avenue-Glenburn Avenue	362,600
245	Walteria Sump.....	338,700
246	26th Street-Georgina Avenue	567,000
243	Montana Avenue	489,700
249	Lincoln-Pico-Kenter	555,000
256	Glenoaks Boulevard	382,300
261	South Pasadena.....	671,900
266	Freeway	606,300
267	Reservoir	1,201,700
268	Gary Avenue	1,205,000
271	Fairview-Hyde Park.....	345,300
273	Centinela Creek.....	358,700
276	Wilcox Avenue-Park Avenue.....	328,800
281	Orange Avenue.....	160,100
286	Manhattan Beach (31st Street)	955,400
291	Imperial Hwy.-El Segundo Blvd-135th Street.....	594,800
296	Hermosa Drive-Mission Drive-Central Avenue-Valley Blvd.....	661,800
301	Merced-Walnut	518,300
306	Redondo Beach Boulevard.....	105,400

Storm Drain Systems (Cont'd)

<i>Project No.</i>	<i>Title</i>	<i>Estimated Cost</i>
311	Colorado Boulevard	113,700
320	Harrow Canyon	194,700
Sub Total.....		\$173,900,000

For Rights of Way for all storm drains, described herein, including estimated costs of acquisition thereof.....	2,100,000
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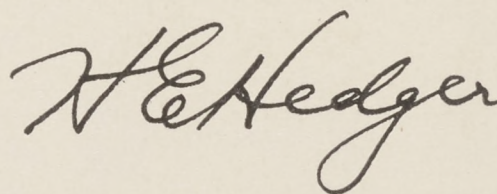
For contingencies arising on any of the above items	3,000,000
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Total	\$179,000,000
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The estimated amount of bonds necessary to pay for the public improvements, described and recommended herein, is the sum of.....\$179,000,000

The storm drains herein proposed constitute an essential part of the flood and storm water control plan for the protection of life and property of this District. They are needed at this time. The adoption of this report by your Honorable Board is strongly urged.

Respectfully submitted,



H. E. HEDGER, *Chief Engineer*
Los Angeles County Flood Control District.

Encl.

Storm Drain Systems (Cont'd)

(b.1000) estimate of cost

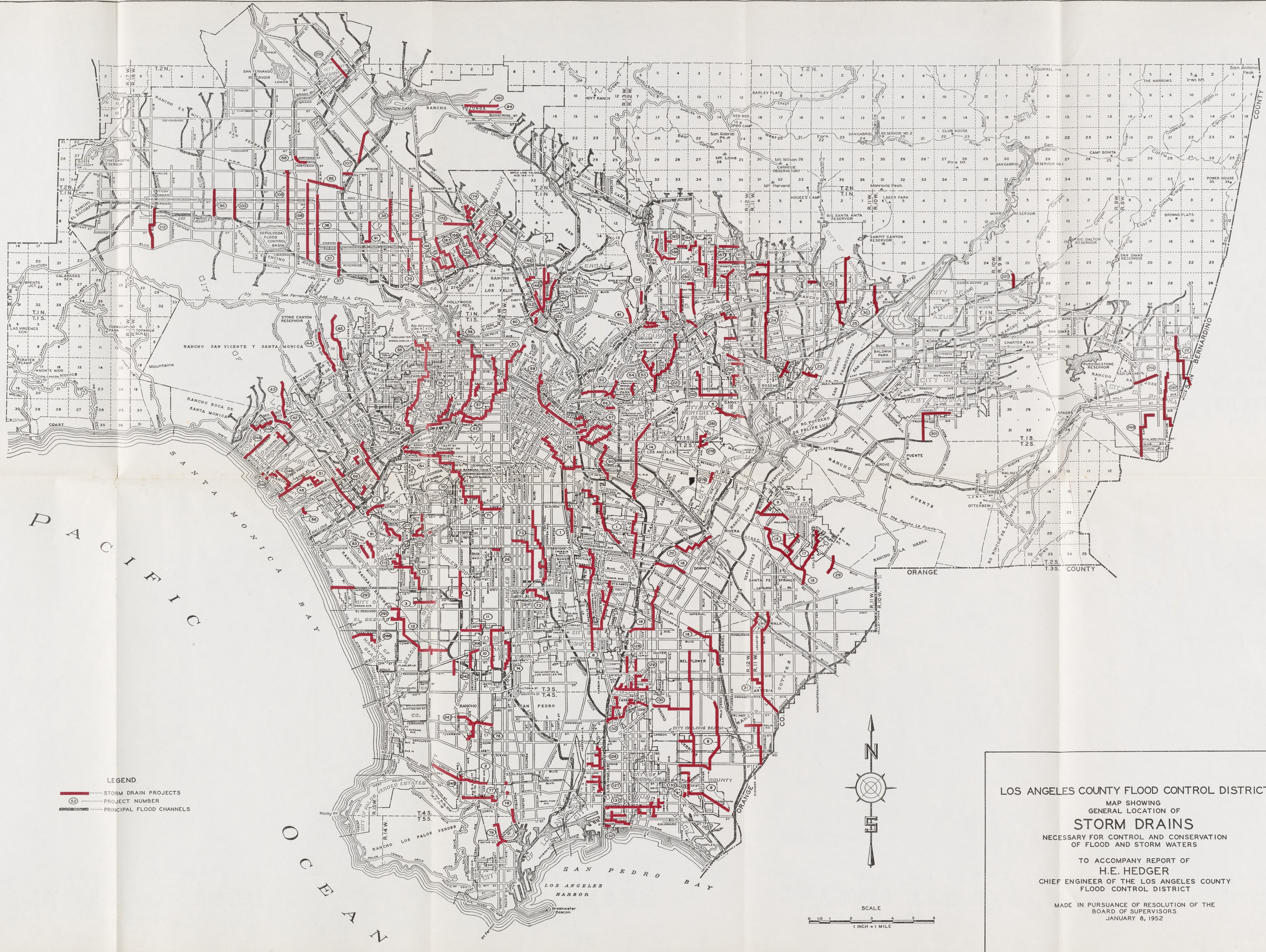
Project Name	Estimated Cost
311 Colorado Highway	118,700
Harlow Canyon	194,700
Sub Total	\$173,900.00
For 10 ft of Way for all storm drain, described herein, including all	2,100,000
Estimated cost of acquisition thereof, as shown on the attached	3,000,000
For contingencies arising on any of the above items	
Total	\$173,900.00
Estimated amount of funds necessary to pay for the above project	
Estimated and recommended funds, in the sum of \$173,900.00	

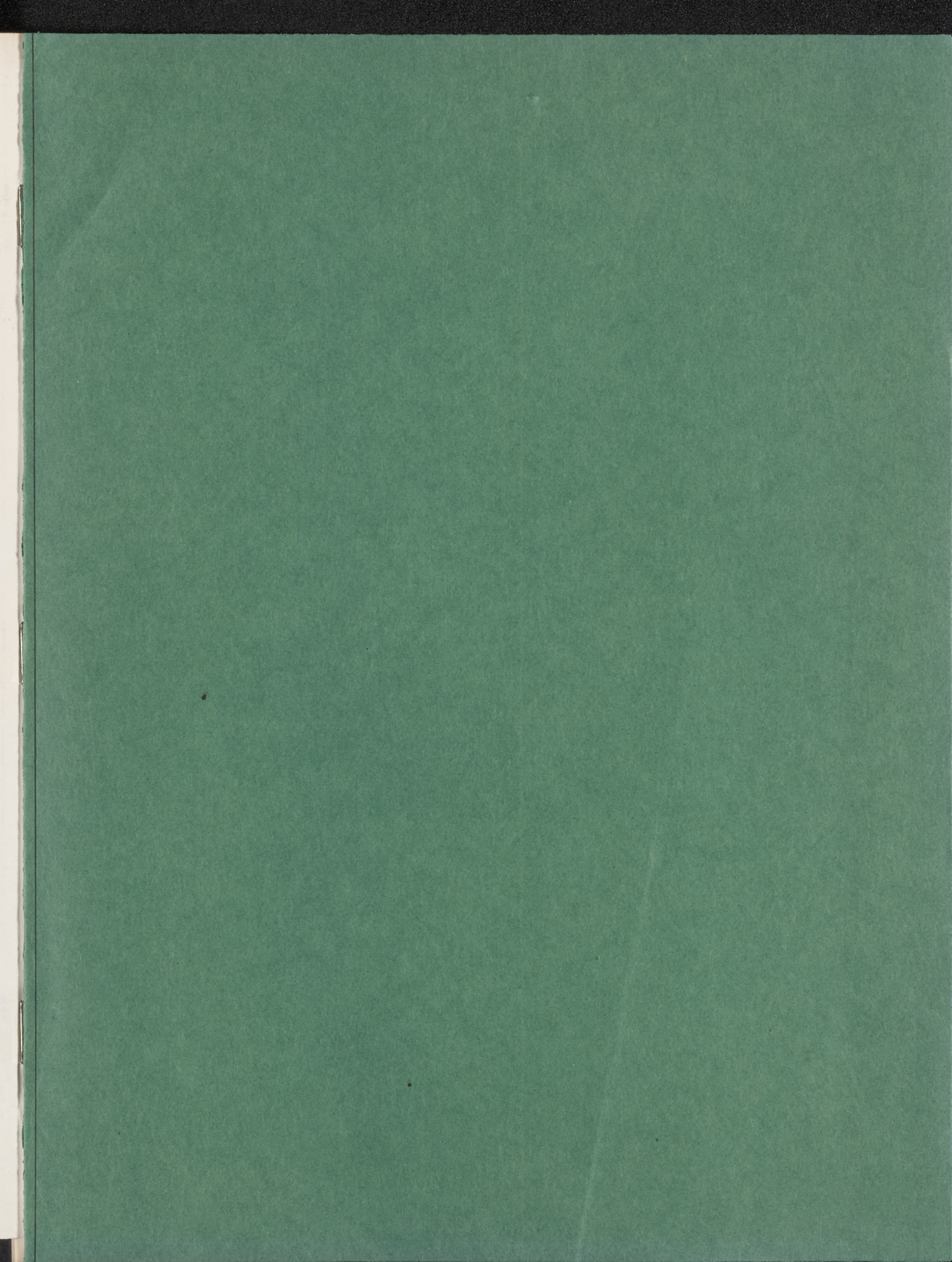
This storm drain system has been prepared and estimated as a part of the flood and storm water control plan for the protection of life and property of the District. They are needed at this time. The adoption of this report is recommended and is strongly urged.

W. H. HENDERSON, Chief Engineer

W. H. HENDERSON, Chief Engineer

PROJECT NO.	TITLE
1	EAST COMPTON CREEK NO. 1
2	LOMITA BLVD.
3	BROADWAY
4	GRANDVIEW BLVD.
5	ALHAMBRA-MONTEREY PARK
6	EAST COMPTON CREEK NO. 2
7	SLAUSON-SEPUVEDA
8	GUARDADO AVE.
9	LOS CERRITOS
10	NORMANDIE AVE.
11	ROSCREANS AVE.
12	MANHATTAN BEACH BLVD.
13	INGLESWOOD AVE.-CENTURY BLVD.
14	D.O.I. 28 -RELIEF TRUNK
15	SORRENSEN AVE.
16	CERRITOS-MAPLEWOOD
17	MICHIGAN AVE.
18	FIRESTONE - DOWNEY
19	HOLLYDALE "A"
20	HOLLYDALE "B"
21	ARTESIA-NORWALK
22	CLAREMONT
23	EL MONTE
24	MICHELLEND AVE.
25	PECK ROAD
26	SOUTHEAST SAN GABRIEL
27	BALDWIN AVE.
28	68TH ST.-VERMONT AVE.
29	EAST WHITTIER
30	DIAMOND
31	VAN NUYS BLVD.-TYRONE AVE.
32	WOODMAN AVE.
33	COLIFAX AVE.-LANKERSHIM BLVD.
34	CAHUENGA BLVD.-VINLAND AVE.
35	BRENTWOOD
36	BUNDY DRIVE-BOWLING GREEN WAY
37	BEVERLY GLEN BLVD.
38	BENEDICT CANYON
39	LINCOLN BLVD.-INDIANA AVE.
40	CENTINELA AVE.
41	PALMS DISTRICT
42	JEFFERSON BLVD.
43	PICO BLVD.-FAIRFAX AVE.
44	NICHOLS CANYON
45	HOLLY DRIVE
46	ARROYO DE LA SACATELA
47	SOUTH CENTRAL BUSINESS DISTRICT
48	CENTRAL BUSINESS DISTRICT
49	TROPICO
50	FIGUEROA ST.-GARDENIA AVE.
51	NORTH MAIN ST.-MISSION ROAD
52	EASTERN AVE.
53	DORCHESTER AVE.
54	CITY TERRACE
55	HOLLENBECK HEIGHTS
56	SLAUSON AVE.-SECTION NO. 6
57	CENTRAL AVE.-SECTION NO. 3
58	CENTRAL AVE.-114TH ST.
59	REDONDO BEACH BLVD.-FIGUEROA ST.
60	212TH ST.
61	PACIFIC COAST HWY.-WESTERN AVE.
62	BARRY ST.-SLOUGH-DOWNTOWN ST.
63	GAFFEY ST.
64	AIRPORT BLVD.-76TH ST.
65	MANCHESTER AVE.-SEPUVEDA BLVD.
66	SLAUSON AVE.-RELIEF
67	W. NORTH OF S.R.R.-COAST LINE
68	BOONE AVE.-OLIVE AVE.
69	LA JOLLA AVE.-FAIRFAX AVE. RELIEF
70	SEPUVEDA BLVD.
71	BARRY AVE.-BRADDOCK DRIVE-KELTON AVE.
72	EAST OLYMPIC BLVD.
73	WHITTEY AVE.
74	ARROYO DE LOS JARDINES
75	HILLROSE ST.
76	RESCUE BLVD.
77	WENTWORTH ST.
78	WHITE OAK AVE.
79	HASKELL AVE.
80	BRANFORD ST.-CANTARA ST.
81	KESTER AVE.
82	KELVIN CHANNEL
83	AVIATION BLVD.-86TH ST.
84	PUMP DISTRICT NO. 4
85	PUMP DISTRICT NO. 5
86	NORTH BOUNDARY PUMP DISTRICT
87	NORTH LONG BEACH PUMP DISTRICT
88	PUMP DISTRICT NO. 7
89	LONG BEACH NORTHEAST
90	SEADORE
91	BOUDON CREEK
92	CENTRAL AVE.-GLENDALE AVE.
93	GARDENIA AVE.-RAILROAD ST.-LOS ANGELES ST.
94	HARVARD ST.-WILSON AVE.-UPPER CENTRAL AVE.
95	UPPER GLENDALE AVE.
96	TOLUCA PARK-ALAMEDA
97	NIAGARA ST.
98	FREDERIC ST.
99	GLENWOOD PLACE
100	ALAMEDA AVE.-VERDUGO AVE.
101	MAGNOLIA BLVD.-VICTORY BLVD.
102	SCOTT ROAD
103	LAKE-KEWEN
104	ALLEN AVE.
105	MOUNTAIN ST.
106	HILL AVE.-MAR VISTA AVE.
107	OLD MILL ROAD-LOS ROBLES AVE.
108	PALOMA ST.-WASHINGTON ST.
109	FOREST AVE.
110	GLEN AVE.
111	CATALINA AVE.-WASHINGTON ST.
112	SIERRA MADRE BLVD.
113	LAGUNA CANYON
114	LOWER HASTINGS MESA-EAST FOOTHILL BLVD.
115	GREENHILL ROAD
116	RUBY CANYON
117	LAGUNA WASH
118	2ND ST.
119	GRANDVIEW
120	MELVILLE DRIVE-SIERRA MADRE BLVD.
121	CARRILLO AVE.
122	ARLINGTON AVE.-GLENBURN AVE.
123	WALTERIA SUNP
124	26TH ST.-GEORGINA AVE.
125	MONTANA AVE.
126	LINCOLN-PICO-KENTER
127	GLENDALE BLVD.
128	SOUTH PASADENA
129	FREEWAY
130	RESERVOIR
131	GARY AVE.
132	FAIRVIEW-HYDE PARK
133	CENTINELA CREEK
134	WILCOX AVE.-PARK AVE.
135	ORANGE AVE.
136	MANHATTAN BEACH (31ST STREET)
137	IMPERIAL HWY.-EL SEGUNDO BLVD.-135TH ST.
138	HERMOSA DRIVE-MISSION DRIVE-CENTRAL AVE.
139	-VALLEY BLVD.
140	MERCED-WALNUT
141	REDONDO BEACH BLVD.
142	COLORADO BLVD.
143	HARROW CANYON





W.H.T. B. 0227